

Appendix 2:

Food Additives Permitted by China and the Corresponding Applicable

Standards List

No.	Function	Chinese Name	English Name	Standards Corresponding to Products	Corresponding Testing Methods & Standards
1	Coating agents	吗啉脂肪酸盐(果蜡)	morpholine fatty acid salt(fruit wax)	HG2929-1990 Food additive- Morpholine fatty acid salt fruit wax.	HG2929-1990 Food additive- Morpholine fatty acid salt fruit wax.
2	Coating agents, assistant	白油(液体石蜡)	mineral oil, white (liquid paraffin)	GB 4853-2008 Food grade white oil. GB/T12494-1990 White oil for food-machinery.	(1) GB/T 259 Petroleum products-Determination of water-soluble acids and alkalis. GB/T 260 Determination of water content in petroleum products. GB/T 265 Petroleum products-Determination of kinematic viscosity and calculation of dynamic viscosity. GB/T 511 Petroleum products and additives-Determination of mechanical impurities- Gravimetric method. GB/T 3536 Petroleum products- Determination of flash and fire points (Cleveland open cup method). GB/T 3555 Petroleum products—Determination of Saybolt color (Saybolt chromometer method). GB/T 4756 Petroleum and liquid petroleum products—Sampling (Manual methods). GB/T 5009.75-2003 Determination of lead in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 11079 Test method for carbonizable substances in white mineral oil. GB/T 11081 Test method for ultraviolet adsorption of white oils. SH/T 0134 Test method for solid paraffin of white oils. (2) GB 259 Petroleum products-Test method of water-soluble acids and alkalis. GB 260 Determination of water content in petroleum products. GB 265 Petroleum products-Determination of kinematic viscosity and calculation of dynamic viscosity. GB 511 Petroleum products and additives-Determination of mechanical impurities (Gravimetric method). GB 3535 Petroleum oils- Determination of pour point. GB 3536 Petroleum products- Determination of flash and fire points (Cleveland open cup method). GB 3555 Petroleum products—Determination of Saybolt color (Saybolt chromometer method). GB 4756 Petroleum and liquid petroleum products—Sampling (Manual methods). GB 5096 Petroleum products- Corrosiveness to copper- Copper strip test. GB 11081 Test method for ultraviolet adsorption of white oils. ZB E30 005 Petroleum products- Packaging, storage and delivery acceptance rules.
3	Antiseptic	液体二氧化碳(石灰窖法、合成氨法和发酵法)	Liquid carbon dioxide	GB 10621-2006 Liquid carbon dioxide.	GB10621-2006 Liquid carbon dioxide.
4	Antiseptic	液体二氧化碳(煤气法)	Liquid carbon dioxide	Bulletin of the Ministry of Health of PRC (No. 5, 2007)	Refer to GB10621-2006 Liquid carbon dioxide.

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5	Antiseptic	苯甲酸	benzoic acid,sodium benzoate	GB1901-2005 Food additive- Benzoic acid.	GB1901-2005 Food additive- Benzoic acid. GB1901-2005 Food additive- Benzoic acid. GB/T5009.76 Determination of arsenic in food.
6	Antiseptic	脱氢乙酸及其钠盐	dehydroacetic acid, sodium dehydroacetate	GB8819-1988 Food additive- dehydroacetic acid (excluding sodium dehydroacetate).	GB8819-1988 Food additive- dehydroacetic acid.
7	Antiseptic	对羟基苯甲酸乙酯	methyl p-hydroxy benzoate and its salts (sodium methyl p-hydroxy benzoate, ethyl p-hydroxy benzoate, sodium ethyl p-hydroxy benzoate, propyl p-hydroxy benzoate, sodium propyl p-hydroxy benzoate)	GB8850-2005 Food additive—Ethyl p-hydroxybenzoate.	GB8851-2005 Food additive- Propyl p-hydroxybenzoate. GB8850-2005 Food additive—Ethyl p-hydroxybenzoate. GB/T 5009.76 Determination of arsenic in food additives. GB /T 9 741 Chemical reagent - General method for the determination of residue after ignition. GB /T 9 724-1988 Chemical reagent-General rules for the determination of pH.
8	Antiseptic	对羟基苯甲酸丙酯	methyl p-hydroxy benzoate and its salts (sodium methyl p-hydroxy benzoate, ethyl p-hydroxy benzoate, sodium ethyl p-hydroxy benzoate, propyl p-hydroxy benzoate, sodium propyl p-hydroxy benzoate)	GB8851-2005 Food additive- Propyl p-hydroxybenzoate.	GB8851-2005 Food additive- Propyl p-hydroxybenzoate. GB8850-2005 Food additive—Ethyl p-hydroxybenzoate. GB/T 5009.76 Determination of arsenic in food additives. GB /T 9 741 Chemical reagent - General method for the determination of residue after ignition. GB /T 9 724-1988 Chemical reagent-General rules for the determination of pH.

No.	Function	Chinese Name	English Name	Standards Corresponding to Products	Corresponding Testing Methods & Standards
9	Antiseptic	丙酸及其钠盐、钙盐	propionic acid, sodium propionate, calcium propionate	HG 2925-1989 (2004) Food additive- Propionic acid. HG2921-1999 (2007) Food additive- Calcium propionate. HG2922-1999 (2007) Food additive- Sodium propionate.	HG 2925-1989 (2004) Food additive- Propionic acid. HG2921-1999 (2007) Food additive- Calcium propionate. HG2922-1999 (2007) Food additive- Sodium propionate.
10	Antiseptic	乙氧基喹	ethoxy quin	GB 8849—1988 Food additive- ethoxyquin. HG 2924-1988 (2004) Food additive- ethoxyquin.	GB 8849—1988 Food additive- ethoxyquin. HG 2924-1988 (2004) Food additive- ethoxyquin.
11	Antiseptic	稳定态二氧化氯	stabilized chlorine dioxide	GB/T 20783-2006 Stable chlorine dioxide solution. HG3669-2000 Food additive- Stable chlorine dioxide solution.	HG3669-2000 Food additive- Stable chlorine dioxide solution. HG3669-2000 Food additive- Stable chlorine dioxide solution.
12	Antiseptic	乳酸链球菌素	nisin	QB2394-2007 Food additive- Nisin.	QB2394-2007 Food additive- Nisin. GB/T 5009.12-2003 Determination of lead in food. GB/T 5009.42-2003 Method for analysis of hygiene standard of table salt. GB/T 4789.2-2003 Microbiological examination of food hygiene- Detection of aerobic bacterial count. GB/T 4789.3-2003 Microbiological examination of food hygiene-Detection of Coliform bacteria. GB/T 4789.4-2003 Microbiological examination of food
13	Antiseptic, antioxidant, stabilizer	山梨酸	sorbic acid	GB 1905-2000 Food additive- Sorbic acid.	GB1905-2000 Food additive- Sorbic acid. GB/T 617-2006 Chemical reagent - General method for the determination of melting range. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives. GB 6283-86 Chemical products—Determination of moisture—Karl Fischer method (general method).
14	Antiseptic, antioxidant, stabilizer, bodying agent of chewing gum	山梨酸钾	potassium sorbate	GB 13736-2008 Food additive- Potassium sorbate.	GB 13736-2008 Food additive- Potassium sorbate. GB/T 5009.12 Determination of lead in food. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.75-2003 Determination of lead in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
15	Antiseptic, assistant	二氧化碳	carbon dioxide	GB 10621-2006 Food additive- Liquid carbon dioxide.	GB 10621-2006 Food additive- Liquid carbon dioxide.
16	Color fixative, antiseptic	硝酸钠	sodium nitrate, potassium nitrate	GB1891-2007 Food additive- Sodium nitrate.	GB1891-2007 Food additive- Sodium nitrate. GB/T 3051-2000 Inorganic chemical products for industrial use-General method for determination of chloride content-Mercurimetric method.
17	Color fixative, antiseptic	亚硝酸钠	sodium nitrite, potassium nitrite	GB 1907-2003 Food additive- Sodium nitrite.	GB1907-2003 Food additive- Sodium nitrite. GB/T 9723-2007 Chemical reagent—General rule for flame atomic absorption spectrometric analysis.
18	bodying agent of chewing gum	苯甲酸钠	sodium benzoate	GB1902-2005 Food additive- Sodium benzoate.	GB1902-2005 Food additive- Sodium benzoate.

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19	bodying agent of chewing gum	单脂肪酸甘油酯	monoglycerides	GB 1986-2007 Food additive—Glyceryl mono-and distearate.	GB 1986-2007 Food additive—Glyceryl mono-and distearate. GB/T5009.11 Determination of total arsenic in food. GB/T5009.12-2003 Determination of total lead in food. GB /T 9741-2008 Chemical reagent - General method for the determination of residue after ignition.
20	Antitackiness agent	亚铁氰化钾, 亚铁氰化钠	potassium ferrocyanide, sodium ferrocyanide	HG 2918-1999 Food additive- Kaliumhexacyanoferrat (yellow prussiate of potash) (Not suitable for sodium ferrocyanide).	HG 2918-1999 Food additive- Kaliumhexacyanoferrat (yellow prussiate of potash) (Not suitable for sodium ferrocyanide).
21	Antitackiness agent	硅酸钙	Calcium silicate	Bulletin of the Ministry of Health of PRC (No. 13, 2008)	
22	Antitackiness agent, acidity regulator	磷酸三钙	tricalcium orthophosphate	HG2789-1996 Food additive- tricalcium phosphate.	HG2789-1996 Food additive- tricalcium phosphate. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives. GB 10619-1989 Food additive- Calcium dihydrogen phosphate.
23	Antitackiness agent, assistant	二氧化硅(矽)	silicon dioxide(amorphous)	HG2791-1996 Food additive- Silicon dioxide.	HG2791-1996 Food additive- Silicon dioxide.GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.75-2003 Determination of lead in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
24	Antioxidant	抗坏血酸	ascorbic acid	GB14754-1993 Vitamin C (Ascorbic acid).	GB14754-1993 Vitamin C (Ascorbic acid). GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
25	Antioxidant	抗坏血酸钙	calcium ascorbate	GB15809-1995 Food additive—Calcium ascorbate.	GB15809-1995 Food additive—Calcium ascorbate.
26	Antioxidant	抗坏血酸棕榈酸酯	ascorbyl palmitate	GB16314-1996 Food additive—L-ascorbyl palmitate.	GB16314-1996 Food additive—L-ascorbyl palmitate. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
27	Antioxidant	D-异抗坏血酸钠	d-isoascorbic acid (erythorbic acid), sodium isoascorbat	GB8273-2008 Food additive - Sodium D-isoascorbate.	GB8273-2008 Food additive - Sodium D-isoascorbate. GB/T5009.3-2003 Determination of moisture in food. GB/T5009.11 Determination of total arsenic in food. GB/T5009.12-2003 Determination of total lead in food.
28	Antioxidant	植酸(肌醇六磷酸)	phytic acid(inositol hexaphosphoric acid)	HG 2683-1995 (2007) Food additive- phytic acid.	HG 2683-1995 (2007) Food additive- phytic acid. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
29	Antioxidant	迷迭香提取物	rosemary extract	QB/T 2817-2006 Food additive- Rosemary extract.	QB/T 2817-2006 Food additive- Rosemary extract.GB/T5009.3-2003 Determination of moisture in food. GB/T 5009.4-2003 Determination of ash in food. GB/T5009.11 Determination of total arsenic in food. GB/T5009.12-2003 Determination of total lead in food.

No.	Function	Chinese Name	English Name	Standards Corresponding to Products	Corresponding Testing Methods & Standards
30	Antioxidant	甘草抗氧物	antioxidant of glycyrrhiza	QB2078-1995 Food additive- Licorice root antioxidant.	QB2078-1995 Food additive- Licorice root antioxidant. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
31	Antioxidant	茶多酚(维多酚)	tea polyphenol(TP)	QB2154-1995 Food Additive- Tea Polyphenols.	QB2154-1995 Food Additive- Tea Polyphenols. GB/T 8304-2002 Tea- Determination of moisture content. GB/T 8306-87 Tea- Determination of total ash content. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.75-2003 GB/T 5009.76-2003 Determination of arsenic in food additives.
32	Antioxidant	特丁基对苯二酚	tertiary butylhydroquinone(TBHQ)	QB 2395-2007 Food additive- tert-Butyl hydroquinone (TBHQ).	QB 2395-2007 Food additive- tert-Butyl hydroquinone (TBHQ). GB/T 617-2006 Chemical reagent - General method for the determination of melting range. GB/T 5009.12-2003 Determination of lead in food.
33	Antioxidant	乙二胺四乙酸二钠钙		Bulletin of the Ministry of Health of PRC (No. 8, 2007)	GB/T 6283-2008 Chemical products —Determination of moisture—Karl Fischer method (general method). GB /T 9724-2007 Chemical reagent-General rules for the determination of pH. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.75-2003 Determination of lead in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives. . . Content test of EDTA calcium disodium may refer to YY 0206-1995 Excipient-Disodium EDTA. . .
34	Antioxidant	D-异抗坏血酸	d-isoascorbic acid (erythorbic acid)	GB 22558-2008 Food additive - D- Isoascorbic Acid.	GB22558-2008 Food additive - Erythorbic acid. GB/T 5009.75-2003 Determination of lead in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives. JJF 1070-2005 Rules of Metrological Testing for Net Quantity of Products in Prepackages with Fixed Content
35	Antioxidant, bodying agent of chewing gum	维生素E(dl-α-生育酚)	vitamine E (dl-α/Tocopherol)	GB 14756—1993 Food additive—Vitamin E (d1-α-Tocopheryl acetate).	GB 14756—1993 Food additive—Vitamin E (d1-α-Tocopheryl acetate). GB/T 5009.74-2003 Method for limit test of heavy metals in food additives.
36	Antioxidant, bodying agent of chewing gum	没食子酸丙酯(PG)	propyl gallate	GB3263-2008 Food additive - Propyl gallate.	GB3263-2008 Food additive - Propyl gallate. GB/T 617-2006 Chemical reagent - General method for the determination of melting range. GB/T5009.3-2003 Determination of moisture in food. GB/T 5009.75-2003 Determination of lead in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
37	Antioxidant, bodying agent of chewing gum	丁基羟基茴香醚(BHA)	butylated hydroxyanisole	GB 1916-2008 Food additive - Butylated hydroxyanisole.	GB 1916-2008 Food additive - Butylated hydroxyanisole. GB/T 617-2006 Chemical reagent - General method for the determination of melting range. GB/T 5009.75-2003 Determination of lead in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
38	Antioxidant, bodying agent of chewing gum	2, 6-二叔丁基对甲酚(BHT)/二丁基羟基甲苯(BHT)	butylated hydroxytoluene	GB 1900—1980 Food additive- 2, 6-ditertiary butyl-p-cresol.	GB 1900—1980 Food additive- 2, 6-ditertiary butyl-p-cresol.

No.	Function	Chinese Name	English Name	Standards Corresponding to Products	Corresponding Testing Methods & Standards
39	Enzyme preparation	α -乙酰乳酸脱羧酶	α -acetolactatedecarboxylase	GB20713-2006 Food additive - α -acetolactate decarboxylase preparation.	GB20713-2006 Food additive - α -acetolactate decarboxylase preparation. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.75-2003 Determination of lead in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives. JJF 1070-2005 Rules of Metrological Testing for Net Quantity of Products in Prepackages with Fixed Content. GB/T 4789.2-2003 Microbiological examination of food hygiene-Detection of aerobic bacterial count. GB/T 4789.3-2003 Microbiological examination of food hygiene-Detection of Coliform bacteria. GB/T4789.4-2008 Microbiological examination of food hygiene-Examination of Salmonellae. GB/T 4789.6-2003 Microbiological examination of food hygiene- Examination of Diarrheogenic Escherichia coli.
40	Enzyme preparation	α -淀粉酶	α -amylase	GB827.5-1987 Food additive - Alpha-amylase preparation. QB/T 2306-1997 High temperature resistance α -amylase.	GB 827.5-87 Food additive - Alpha-amylase preparation. GB/T5009.11 Determination of total arsenic in food. GB/T5009.12-2003 Determination of total lead in food. GB/T 5009.22-2003 Determination of aflatoxin B1 in food (national standards). GB/T 4789.3-2003 Microbiological examination of food hygiene-Detection of Coliform bacteria. GB/T 4789.4-2008 Microbiological examination of food hygiene-Examination of Salmonellae.
41	Enzyme preparation	果胶酶	Pectinase	QB1502-1992 Food additive- pectinase preparation.	QB1502-1992 Food additive- pectinase preparation. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives. GB/T 4789.3-2003 Microbiological examination of food hygiene-Detection of Coliform bacteria. GB/T 4789.4-2008 Microbiological examination of food hygiene-Examination of Salmonellae.
42	Enzyme preparation	蛋白酶(黑曲酶)		Bulletin of the Ministry of Health of PRC (No. 5, 2007)	QB/T 1803-1993 General methods of determination for industrial enzymes. GB/T5009.11 Determination of total arsenic in food. GB/T5009.12-2003 Determination of total lead in food. GB/T 4789.2-2003 Microbiological examination of food hygiene-Detection of aerobic bacterial count. GB/T 4789.3-2003 Microbiological examination of food hygiene-Detection of Coliform bacteria. GB/T 4789.4-2008 Microbiological examination of food hygiene-Examination of

No.	Function	Chinese Name	English Name	Standards Corresponding to Products	Corresponding Testing Methods & Standards
43	Enzyme preparation	普鲁兰酶	Pullulanase	Bulletin of the Ministry of Health of PRC (No. 13, 2008)	QB/T 1803-1993 General methods of determination for industrial enzymes. GB/T 4789.2-2003 Microbiological examination of food hygiene-Detection of aerobic bacterial count. GB/T 4789.3-2003 Microbiological examination of food hygiene-Detection of Coliform bacteria. GB/T4789.4-2008 Microbiological examination of food hygiene-Examination of Salmonellae. GB/T 4789.6-2003 Microbiological examination of food hygiene- Examination of
44	Enzyme preparation	环糊精葡萄糖苷转移酶(生产用菌株: 地衣芽孢杆菌Bacillus licheniformis)		Bulletin of the Ministry of Health of PRC (No. 17, 2008)	QB/T 1803-1993 General methods of determination for industrial enzymes. GB/T5009.11 Determination of total arsenic in food. GB/T5009.12-2003 Determination of total lead in food. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 4789.2-2003 Microbiological examination of food hygiene-Detection of aerobic bacterial count. GB/T 4789.3-2003 Microbiological examination of food hygiene-Detection of Coliform bacteria. GB/T4789.4-2008 Microbiological examination of food hygiene-Examination of Salmonellae. GB/T 4789.6-2003 Microbiological examination of food hygiene- Examination of Diarrhoeogenic
45	Enzyme preparation	脂肪酶	Lipase	Bulletin of the Ministry of Health of PRC (No. 17, 2008)	
46	Enzyme preparation	单宁酶	Tannase	Bulletin of the Ministry of Health of PRC (No. 26, 2008)	
47	Enzyme preparation	磷酸酯酶A2	PhospholipaseA2	Bulletin of the Ministry of Health of PRC (No. 26, 2008)	Refer to GB/T 5009.11-2003 Determination of total arsenic and abio-arsenic in food. GB/T 5009.12-2003 Determination of lead in food. GB/T 5009.15-2003 Determination of cadmium in food. GB/T 5009.17-2003 Determination of total mercury and organic-mercury in food. GB 4789.1~4789.28 Methods of food hygienic analysis-Microbiological section. 。 。 Determination of enzyme activity has no standard method.
48	Enzyme preparation	纤维素酶	Cellulase	QB 2583-2003 Cellulose enzyme preparation.	QB 2583-2003 Cellulose enzyme preparation. QB/T 1803-1993 General methods of determination for industrial enzymes. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.12-2003 Determination of lead in food. GB/T5009.11 Determination of arsenic in food. GB/T 4789.2-2003 Microbiological examination of food hygiene-Detection of aerobic bacterial count. GB/T 4789.3-2003 Microbiological examination of food hygiene-Detection of Coliform bacteria. GB/T 4789.4-2008 Microbiological examination of food hygiene-Examination of Salmonellae.
49	Finishing agent, swelling agent and stabilizer for flour Flour finishing agent, assistant and bodying agent of chewing gum	碳酸钙(包括轻质和重质碳酸钙)	Calcium carbonate(light and heavy)	GB 1898-2007 Food additive - Calcium carbonate. GB 1413-1999 Food additive – Biological calcium carbonate.	GB 1898-2007 Food additive - Calcium carbonate. GB 1413-1999 Food additive – Biological calcium carbonate. GB/T 19281-2003 Analytic method for calcium carbonate.

No.	Function	Chinese Name	English Name	Standards Corresponding to Products	Corresponding Testing Methods & Standards
50	Flour finishing agent, nutrient supplement and bodying agent of chewing gum	碳酸镁	magnesium carbonate	HG 2790-1996 Food additive- Basic magnesium carbonate.	HG 2790-1996 Food additive- Basic magnesium carbonate. GB 1612-1988 Industrial hydrated basic magnesium carbonate.
51	Swelling agent	碳酸氢铵	Ammonium hydrogen carbonate	GB 1888-2008 Food additive - Ammonium bicarbonate.	GB 1888-2008 Food additive - Ammonium bicarbonate. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
52	Swelling agent	磷酸氢二铵		Bulletin of the Ministry of Health of PRC (No. 5, 2007)	HG/T 3465—1999 Chemical reagent-Diammonium hydrogen phosphate. HG/T 3774-2005 Feedstuff grade -Diammonium hydrogen phosphate. GB/T 10209.3-2001 Determination of water content for monoammonium phosphate and diammonium phosphate. GB/T 5009.18-2003 Determination of Fluorine in food. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
53	Swelling agent	酸性磷酸铝钠		Bulletin of the Ministry of Health of PRC (No. 8, 2007)	GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.75-2003 Determination of lead in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives. The items as content of acidic sodium aluminum phosphate and fluoride have no standard inspection method.
54	Swelling agent, moisture keeper, acidity regulator, bodying agent of chewing gum	磷酸氢钙	calcium hydrogen phosphate(dicalcium orthophosphate)	GB 1889-2004 Food additive- calcium hydrogen phosphate.	GB1819-2004 Food additive- Calcium hydrogen phosphate. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
55	Swelling agent, stabilizer	硫酸铝铵(铵明矾)	aluminium potassium sulfate ,aluminium ammonium sulfate	GB 2917-1999 Food additive - Ammonium aluminum sulfate.	GB 2917-1999 Food additive - Ammonium aluminum sulfate.
56	Swelling agent, stabilizer	硫酸铝钾(钾明矾)	aluminium potassium sulfate ,aluminium ammonium sulfate	GB1895-2004 Food additive—Aluminium potassium sulfate.	GB1895-2004 Food additive—Aluminium potassium sulfate.
57	Swelling agent, assistant	碳酸氢钠	sodium hydrogen carbonate	GB 1887-2007 Food additive - Sodium bicarbonate.	GB 1887-2007 Food additive - Sodium bicarbonate. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.

No.	Function	Chinese Name	English Name	Standards Corresponding to Products	Corresponding Testing Methods & Standards
58	Bleacher	亚硫酸钠	sulfur dioxide, potassium metabisulphite, sodium metabisulphite, sodium sulfite,sodium hydrogen sulfite, sodium Hyposulfite	GB 1894-2005 Food additive—Anhydrous sodium sulphite.	GB 1894-2005 Food additive—Anhydrous sodium sulphite.
59	Bleacher	焦亚硫酸钠	sulfur dioxide, potassium metabisulphite, sodium metabisulphite, sodium sulfite,sodium hydrogen sulfite, sodium Hyposulfite	GB 1893-2008 Food additive—Sodium pyrosulfite.	GB 1893-2008 Food additive—Sodium pyrosulfite.
60	Bleacher	低亚硫酸钠	sulfur dioxide, potassium metabisulphite, sodium metabisulphite, sodium sulfite,sodium hydrogen sulfite, sodium Hyposulfite	GB 22215-2008 Food additive- Sodium hydrosulfite.	GB 22215-2008 Food additive- Sodium hydrosulfite.
61	Bleacher, antiseptic, assistant	硫磺	sulfur (sulphur)	GB3150-1999 Food additive—Sulphur.	GB3150-1999 Food additive—Sulphur. Industrial sulphur GB/T 2449-2006.
62	Others	咖啡因	caffeine	GB 14758-1993 Food additive – Caffeine. QB2079-1995 Food additive- Natural caffeine.	GB 14758-1993 Food additive – Caffeine. QB2079-1995 Food additive- Natural caffeine.
63	Others	高锰酸钾	potassium permanganate	GB 2513-2004 Food additive- Potassium permanganate.	GB 2513-2004 Food additive- Potassium permanganate.
64	Others	异构化乳糖液	isomerized lactose syrup	GB 8816-1988 Food additive-Lactulose liquid.	GB 8816-1988 Food additive-Lactulose liquid.

No.	Function	Chinese Name	English Name	Standards Corresponding to Products	Corresponding Testing Methods & Standards
65	Others, nutrient supplement, assistant	氯化钾	potassium chloride	QB2554-2002 Edible potassium chloride.	QB2554-2002 Edible potassium chloride. GB/T 7118-1999 Industrial potassium chloride. GB/T13025.2 General test method in salt industry—Determination of whiteness. GB/T13025.4-91 General test method in salt industry—Determination of insoluble matter. GB/T 13025.6-91 General test method in salt industry—Determination of calcium and magnesium ions. GB/T 13025.8-91 General test method in salt industry—Determination of sulfate ion. GB/T 13025.9-1991 General test method in salt industry- Determination of lead ion (photometry). GB/T 13025.13-1991 General test method in salt industry—Determination of arsenic ion.
66	Emulsifier	氢化松香甘油酯	glycerol ester of hydrogenated rosin	GB 10287—1988 Food additive- Glycerol ester of rosin and glycerolester of partially hydrogenated rosin.	GB 10287—1988 Food additive- Glycerol ester of rosin and glycerolester of partially hydrogenated rosin.
67	Emulsifier	改性大豆磷脂	modified soybean phospholipid	GB 12486-90 Food additive- Modified soybean phospholipid.	GB 12486-90 Food additive- Modified soybean phospholipid.
68	Emulsifier	木糖醇酐单硬脂酸酯	xylitan monostearate	QB/T 3784-1999 Food additive- Xylitan monostearate.	QB/T 3784-1999 Food additive- Xylitan monostearate.
69	Emulsifier	聚氧乙烯木糖醇酐单硬脂酸酯	polyoxyethylene xylitan monostearate	QB/T 3790-1999 Food additive--Polyoxyethylene xylitan monostearate.	QB/T 3790-1999 Food additive--Polyoxyethylene xylitan monostearate.
70	Emulsifier	酪蛋白酸钠(酪氨酸钠)	sodium caseinate	QB/T3800-1999 Food additive--Sodium caseinate.	QB/T3800-1999 Food additive--Sodium caseinate. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives. GB 4789.1~4789.28 Methods of food hygienic analysis-Microbiological section.
71	Emulsifier	辛癸酸甘油酯	octyl and decyl glycerate	QB2396-1998 Food additive- Glyceryl caprylate-caprate.	QB2396-1998 Food additive- Glyceryl caprylate-caprate. GB 1986-2007 Food additive—Glyceryl mono-and distearate. GB/T 14457.4-1993 Isolate and synthetic aroma chemicals- Determination of acid value of acid content. GB 9103-88 Industrial stearic acids. GB/T 14455.4-1993 Essential oils-Determination of relative density. GB 15612—1995 Food additive—Distilled glycerin monostearate. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.

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72	Emulsifier	酶解大豆磷脂	Enzymatically decomposed soybean phospholipid	Bulletin of the Ministry of Health of PRC (No. 13, 2008)	GB 12486-90 Food additive- Modified soybean phospholipid. GB/T 5009.75-2003 Determination of lead in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
73	Emulsifier	三甘油脂肪酸酯	Tripolyglycerol monostearates	GB 13510—1992 Food additive—Tripolyglycerol monostearates.	GB 13510—1992 Food additive—Tripolyglycerol monostearates. GB 8044- 87 Food additive-Polyoxyethylene xylitan monostearate. GB 1986-2007 Food additive—Glyceryl mono-and distearate. GB/T5009.11 Determination of total arsenic in food. GB/T5009.12-2003 Determination of total lead in food.
74	Emulsifier	山梨醇酐单硬脂酸酯(斯潘60)	Sorbitan monostearate (Span 60)	GB 13481—1992 Food additive- Sorbitan monostearate (Span 60).	GB 13481—1992 Food additive- Sorbitan monostearate (Span 60). GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
75	Emulsifier	山梨醇酐单油酸酯(斯潘80)	Sorbitan monooleate(Span 80)	GB 13482—1992 Food additive—Sorbitan monooleate (span 80).	GB 13482—1992 Food additive—Sorbitan monooleate (span 80). GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
76	emulsifier, bodying agent of chewing gum	蔗糖脂肪酸酯	sucrose esters of fatty acid	GB 8272-87 Food additive-Sucrose fatty acid ester. GB 10617-2005 Food additive—Sucrose fatty acid ester (method of propylene glycol). GB 2245-96 Food additive- Sucrose fatty acid ester (solvent-free method).	GB 10617-2005 Food additive—Sucrose fatty acid ester (method of propylene glycol). GB 2245-96 Food additive- Sucrose fatty acid ester (solvent-free method). GB 8272-87 Food additive-Sucrose fatty acid ester. GB/T 6284-2006 Chemical products for industrial use - General method for determination of water content - The loss of mass on drying method. GB/T 7531-2008 Determination of ignition residue for organic chemical products. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
77	Emulsifier, stabilizer, thickener	卡拉胶	carrageenan	GB15044-1994 Food additive—Carrageenan.	GB15044-1994 Food additive—Carrageenan. GB/T 5009.75-2003 Determination of lead in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
78	Emulsifier, stabilizer, thickener, bodying agent of chewing gum	果胶	pect	QB2484-2000 Pectin.	QB2484-2000 Pectin. GB/T5009.34-2003. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.75-2003 Determination of lead in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
79	Emulsifier, antifoaming agent	三聚甘油单硬脂酸酯	tripolyglyceryl monostearate	GB 13510—1992 Food additive—Tripolyglycerol monostearates.	GB 13510—1992 Food additive—Tripolyglycerol monostearates. GB/T 5009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
80	Moisture keeper	三聚磷酸钠	sodium tripolyphosphate	QB1034-1991 Food additive- Sodium tripolyphosphate.	QB1034-1991 Food additive- Sodium tripolyphosphate.
81	Moisture keeper, bodying agent of chewing gum	甘油	glycerine	GB/T 13206-1991 glycerine.	GB/T 13206-1991

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82	Moisture keeper, swelling agent, acidity regulator	焦磷酸钠	tetrasodium pyrophosphate	HG2923-1999 Food additive -Sodium pyrophosphate.	HG2923-1999 Food additive -Sodium pyrophosphate.
83	Moisture keeper, swelling agent, acidity regulator	焦磷酸二氢二钠	disodium dihydrogen pyrophosphate	HG2928-1999 Food additive -Disodium dihydrogen pyrophosphate.	HG2928-1999 Food additive -Disodium dihydrogen pyrophosphate.
84	Moisture keeper, emulsifier, acidity regulator	六偏磷酸钠	sodium polyphosphate	GB1890-2005 Food additive- Sodium hexametaphosphate.	GB1890-2005 Food additive- Sodium hexametaphosphate.
85	Moisture keeper, acidity regulator	磷酸二氢钙	calcium dihydrogen phosphate	HG2927-1999 Food additive- Calcium phosphate monobasic.	HG2927-1999 Food additive- Calcium phosphate monobasic.
86	Moisture keeper, assistant	磷酸二氢钠	sodium dihydrogen phosphate	HG2919-2000 Food additive- monosodium phosphate.	HG2919-2000 Food additive- monosodium phosphate.
87	Moisture keeper, assistant	磷酸氢二钠	sodium phosphate dibasic	HG2920-2000 Food additive- disodium phosphate.	HG2920-2000 Food additive- disodium phosphate.
88	Acidity regulator	苹果酸	Malic acid	GB13737-2008 Food additive - L-Malic acid.	GB13737-2008 Food additive - L-Malic acid.
89	Acidity regulator	柠檬酸钾	tripotassium citrate	GB14889-1994 Food additive- Potassium citrate.	GB14889-1994 Food additive- Potassium citrate.
90	Acidity regulator	酒石酸	tartaric acid	GB15358-2008 Food additive- DL-Tartaric acid.	GB15358-2008 Food additive- DL-Tartaric acid.
91	Acidity regulator	L(+)-酒石酸	L(+)/Tartaric acid	GB15358-2008 DL-Tartaric acid.	GB15358-2008 DL-Tartaric acid.
92	Acidity regulator	偏酒石酸	metatartaric acid	GB15358-2008 DL-Tartaric acid.	GB15358-2008 DL-Tartaric acid.
93	Acidity regulator	乙酸(醋酸)	acetic acid	GB1903-2008 Food additive – Glacial acetic acid.	GB1903-2008 Food additive – Glacial acetic acid.
94	Acidity regulator	冰乙酸(低压羰基化法)	acetic acid glacial	GB1903-2008 Glacial acetic acid.	GB1903-2008 Glacial acetic acid.
95	Acidity regulator	柠檬酸	Citric acid	GB 1987-2007 Food additive- Citric acid.	GB1987-2007 Food additive- Citric acid.
96	Acidity regulator	乳酸	lactic acid	GB2023-2003 Food additive- Lactic acid.	GB2023-2003 Food additive- Lactic acid.
97	Acidity regulator	柠檬酸钠	trisodium citrate	GB6782-1986 Food additive- Sodium citrate.	GB6782-1986 Food additive- Sodium citrate.
98	Acidity regulator, antioxidant, emulsifier, stabilizer & coagulator, thickener	乳酸钙	calcium lactate	GB6226-2005 Food additive- Calcium lactate.	GB6226-2005 Food additive- Calcium lactate.
99	Acidity regulator, stabilizer, moisture keeper, assistant	磷酸	phosphoric acid	GB3149-2004 Food additive- Phosphoric acid.	GB3149-2004 Food additive- Phosphoric acid.

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100	Acidity regulator, assistant	碳酸钠	sodium carbonate	GB1886-1992 Food additive- Sodium carbonate.	GB1886-1992 Food additive- Sodium carbonate.
101	Acidity regulator, assistant	盐酸	Hydrochloric acid	GB1897-2008 Food additive- Hydrochloric acid.	GB1897-2008 Food additive- Hydrochloric acid.
102	Acidity regulator, assistant	碳酸钾	potassium carbonate	HG2452-1993 Food additive- potassium carbonate.	HG2452-1993 Food additive- potassium carbonate.
103	Sweetener	甘草	glycyrrhiza, ammonium glycyrrhizinate, monopotassium and tripotassium glycyrrhizinate	GB/T19618-2004 Licorice.	GB/T19618-2004 Licorice.
104	Sweetener	环己基氨基磺酸钠, 环己基氨基磺酸钙(甜蜜素)	sodium cyclamate, calcium cyclamate	GB12488-2008 Food additive - Sodium cyclamate.	GB12488-2008 Food additive - Sodium cyclamate.
105	Sweetener	木糖醇	xylitol	GB13509-2005 Food additive- Xylitol.	GB13509-2005 Food additive- Xylitol.
106	Sweetener	天门冬酰苯丙氨酸甲酯(阿斯巴甜)	aspartame	GB22367-2008 Food additive - N-L- α -Aspartyl-L-phenylalanine-L-methyl ester (Aspartame).	GB22367-2008 Food additive - N-L- α -Aspartyl-L-phenylalanine-L-methyl ester (Aspartame).
107	Sweetener	甜菊糖苷	stevioside	GB8270-1999 Food additive-Steviosides.	GB8270-1999 Food additive-Steviosides.
108	Sweetener	异麦芽酮糖	isomaltulose (palatinose)	QB1581-1992 Food additive- Isomaltulose.	QB1581-1992 Food additive- Isomaltulose.
109	Sweetener	甘草酸一钾及三钾	glycyrrhiza, ammonium glycyrrhizinate, monopotassium and tripotassium glycyrrhizinate	QB2077-1995 Food additive- glycyrrhetic acid- sylvite.	QB2077-1995 Food additive- glycyrrhetic acid- sylvite.
110	Sweetener	乙酰磺胺酸钾(安赛蜜)	acesulfame potassium	QB2393-1998 Acesulfame K (AK).	QB2393-1998 Acesulfame K (AK).
111	Sweetener	赤藓糖醇(生产用菌株: 解脂假丝酵母, candidalipolytica)	erythritol	Bulletin of the Ministry of Health of PRC (No. 13, 2008)	

No.	Function	Chinese Name	English Name	Standards Corresponding to Products	Corresponding Testing Methods & Standards
112	Sweetener	赤藓糖醇(生产用菌株: 分别为Moniliellapollinis和trichosporonoidesmegachilensis)	Erythritol	Bulletin of the Ministry of Health of PRC (No. 13, 2008)	
113	Sweetener, swelling agent, emulsifier, moisture keeper, stabilizer, thickener	山梨糖醇(液)	sorbitol and sorbitol syrup	GB7658-1987 Food additive- D-sorbitol solution.	GB7658-1987 Food additive- D-sorbitol solution.
114	Sweetener, flavoring agent	糖精钠	sodium saccharin	GB4578-2008 Food additive - Sodium saccharin.	GB4578-2008 Food additive - Sodium saccharin.
115	Stabilizer & coagulator	葡萄糖酸-δ-内酯	glucono delta-lactone	GB7657-2005 Food additive- Glucono delta-lactone.	GB7657-2005 Food additive- Glucono delta-lactone.
116	Stabilizer	刺梧桐胶	Karaya gum	Bulletin of the Ministry of Health of PRC (No. 26, 2008)	
117	Stabilizer, thickener	黄原胶(汉生胶)	xanthan gum	GB13886-2007 Food additive —Xanthan gum.	GB13886-2007 Food additive —Xanthan gum.
118	Stabilizer & coagulator	氯化镁	magnesium chloride	QB2604-2003 Edible magnesium chloride.	QB2604-2003 Edible magnesium chloride.
119	Stabilizer & coagulator, thickener, acidity regulator	硫酸钙(石膏)	calcium sulfate	GB1892-1980 Food additive- Calcium sulfate.	GB1892-1980 Food additive- Calcium sulfate.
120	Stabilizer & coagulator, assistant	氯化钙	calcium chloride	GB22214-2008 Food additive- Calcium chloride.	GB22214-2008 Food additive- Calcium chloride.
121	Antifoaming agent	乳化硅油	emulsifying silicon oil	GB1906-1980 Food additive- Emulsifying silicon oil.	GB1906-1980 Food additive- Emulsifying silicon oil.
122	Nutrient supplement	L-苏糖酸钙	Calcium L/Threonate	GB/T17779-1999 Food additive-Calcium L-threonate.	GB/T17779-1999 Food additive-Calcium L-threonate.
123	Nutrient supplement	L-盐酸赖氨酸	L-Lysine monohydrochloride	GB 10794-1989 Food additive - L-lysine hydrochloride.	GB10794-1989 Food additive- L-Lysine monohydrochloride +No. 1 modification list
124	Nutrient supplement	维生素A(包括视黄醇、醋酸视黄酯、棕榈酸视黄醇)	Vitamin A	GB14750-1993 Food additive— Vitamin A.	GB14750-1993 Food additive— Vitamin A.
125	Nutrient supplement	维生素B1		GB14751-1993 Food additive— Vitamin B1(Thiamine hydrochloride).	GB14751-1993 Food additive— Vitamin B1(Thiamine hydrochloride).
126	Nutrient supplement	维生素B2		GB14752-1993 Food additive— Riboflavin (Vitamin B2), Two parts of Chinese Pharmacopoeia 2005	GB14752-1993 Food additive— Riboflavin (Vitamin B2), Two parts of Chinese Pharmacopoeia 2005

No.	Function	Chinese Name	English Name	Standards Corresponding to Products	Corresponding Testing Methods & Standards
127	Nutrient supplement	维生素B6		GB14753-1993 Food additive—Vitamin B6 (pyridoxine hydrochloride).	GB14753-1993 Food additive—Vitamin B6 (pyridoxine hydrochloride).
128	Nutrient supplement	烟酸	Niacin	GB14754-1993 Food additive- Nicotinic acid.	GB14754-1993 Food additive- Nicotinic acid.
129	Nutrient supplement	维生素D2	Vitamin D2	GB14755-1993 Food additive—Vitamin D2 (Ergocalciferol).	GB14755-1993 Food additive—Vitamin D2 (Ergocalciferol).
130	Nutrient supplement	维生素E	Tocopherol	GB 14756—-1993 Food additive—Vitamin E (d1- α -Tocopheryl acetate). GB19191-2003 Food additive- Natural Vitamin E.	GB14756-1993 Food additive—Vitamin E (d1- α -Tocopheryl acetate). GB19191-2003 Food additive- Natural Vitamin E.
131	Nutrient supplement	维生素C		GB14757-1993 Food additive- Vitamin C (ascorbic acid).	GB14757-1993 Food additive- Vitamin C (ascorbic acid).
132	Nutrient supplement	牛磺酸	Taurine	GB14759-1993 Food additive- Taurine.	GB14759-1993 Food additive- Taurine.
133	Nutrient supplement	叶酸	Folic acid	GB15570-1995 Food additive- Folic acid.	GB15570-1995 Food additive- Folic acid.
134	Nutrient supplement	葡萄糖酸钙	Calcium gluconate	GB15571-1995 Food additive- Calcium gluconate.	GB15571-1995 Food additive- Calcium gluconate.
135	Nutrient supplement	乙酸钙		GB 15572-1995 Food additive - Calcium acetate.	GB15572-1995 Food additive- Calcium acetate +No. 1 modification list
136	Nutrient supplement	柠檬酸钙	Calcium citrates	GB17203-1998 Food additive- calcium citrate.	GB17203-1998 Food additive- calcium citrate.
137	Nutrient supplement	左旋肉碱左旋酒石酸盐(微生物法及化学合成法制备)		GB17787-1999 Food additive- Levocarnitine.	GB17787-1999 Food additive-Levocarnitine.
138	Nutrient supplement	碳酸钙	Calcium carbonate	GB 1898-2007 Food additive - Calcium carbonate.	GB1898-2007 Food additive- Calcium carbonate.
139	Nutrient supplement	天然维生素E	Mixed tocopherols concentrate(natural)	GB19191-2003 Food additive- Natural Vitamin E. QB2483-2000 Food additive- Natural Vitamin E.	GB19191-2003 Food additive- Natural Vitamin E. QB2483-2000 Food additive- Natural Vitamin E.
140	Nutrient supplement	乙二胺四乙酸铁钠	Sodium iron (Ⅲ)ethylenediaminetetraacetate	GB22557-2008 Food additive - Sodium iron (III) ethylenediaminetetraacetate trihydrate.	GB22557-2008 Food additive - Sodium iron (III) ethylenediaminetetraacetate trihydrate.
141	Nutrient supplement	珍珠乳酸钙		GB 6226-2005 Calcium lactate.	GB6226-2005 Calcium lactate.
142	Nutrient supplement	葡萄糖酸锌	Zinc gluconate	GB8820-1988 Food additive- Zinc gluconate.	GB8820-1988 Food additive- Zinc gluconate.

No.	Function	Chinese Name	English Name	Standards Corresponding to Products	Corresponding Testing Methods & Standards
143	Nutrient supplement	活性钙	active calcium	GB9990-1988 Food additive- Active calcium.	GB9990-1988 Food additive- Active calcium.
144	Nutrient supplement	磷酸三钙	tricalcium orthophosphate	HG2789-1996 Food additive- tricalcium phosphate.	HG2789-1996 Food additive- tricalcium phosphate.
145	Nutrient supplement	葡萄糖酸亚铁	Ferrous gluconate	YY0035-1991 Food additive- Ferrous gluconate.	YY0035-1991 Food additive- Ferrous gluconate.
146	Nutrient supplement	低聚半乳糖		Bulletin of the Ministry of Health of PRC (No. 12, 2007)	
147	Nutrient supplement	多聚果糖(含低聚果糖)		Bulletin of the Ministry of Health of PRC (No. 12, 2007)	
148	Nutrient supplement	左旋蛋氨酸	L-Methionine	Bulletin of the Ministry of Health of PRC (No. 5, 2007)	
149	Nutrient supplement	1, 3-二油酸2-棕榈酸甘油三酯	1,3-Dioleoyl 2-palmitoyl triglyceride	Bulletin of the Ministry of Health of PRC (No. 13, 2008)	
150	Nutrient supplement	棉子糖	Raffinose	Bulletin of the Ministry of Health of PRC (No. 13, 2008)	
151	Nutrient supplement	氟化钠	Sodium fluoride	GB/T 4293-1984 Sodium fluoride.	GB/T 4293-1984 Sodium fluoride.
152	Nutrient supplement	磷酸氢钙.5H ₂ O	Calcium monohydrogen phosphate	GB1889-2004 Food additive- calcium hydrogen phosphate (National Standards).	Chinese Pharmacopoeia. Food additive- calcium hydrogen phosphate (National Standards) GB1889-2004.
153	Nutrient supplement	硫酸铜	Cupric sulphate	GB 437-1993 Copper sulphate.	GB 437-1993 Copper sulphate.
154	Nutrient supplement	乳酸钙(L或DL型)	calcium lactate	GB 6226-2005 Calcium lactate.	Chinese Pharmacopoeia. GB 6226-2005 Calcium lactate.
155	Nutrient supplement	生物碳酸钙	Biological calcium carbonate	GB 1413-1999 Food additive – Biological calcium carbonate.	GB 1413-1999 Food additive – Biological calcium carbonate.
156	Nutrient supplement, flavoring agent	5'-鸟苷酸二钠	Disodium 5'-guanylate	QB/T2846-2007 Food additive- Disodium 5-guanylate.	QB/T2846-2007 Food additive- Disodium 5-guanylate.
157	Nutrient supplement, assistant	硫酸镁	Magnesium sulphate	QB2555-2002 Edible magnesium sulfate.	Chinese Pharmacopoeia. QB2555-2002 Edible magnesium sulfate.
158	Nutrient supplement, colorant	β-胡萝卜素	β-Carotene	GB8821-1988 Food additive- beta-carotene. QB 1414-1991 Food additive- natural beta-carotene.	GB8821-1988 Food additive- beta-carotene.
159	Nutrient supplement, colorant	叶黄素	Lutein	Bulletin of the Ministry of Health of PRC (No. 8, 2007)	

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160	Thickener	琼脂	agar	GB 1975-1980 Food additive—Agaropectin.	GB1975-1980 Food additive.
161	Thickener	海藻酸钠	sodium alginate	GB1976-1980 Food additive- Sodium alginate.	GB1976-1980 Food additive- Sodium alginate.
162	Thickener	β-环状糊精	β-cyclodextrin	QB1613-1992 Food additive- β-cyclodextrin.	QB1613-1992 Food additive- β-cyclodextrin.
163	Thickener	瓜尔胶	guar gum	QB 2246-96 Food additive- Guar gum.	QB 2246-96 Food additive- Guar gum. GB 5009.4-85 Determination of ash in food. GB 6284-86 Chemical products for industrial use- General method for determination of water content- Gravimetric method. GB 8449-87 Determination of lead in food additives. GB 8450-87 Determination of arsenic in food additives. GB 8451-87 Method for limit test of heavy metals in food additives. GB/T 14771-93 Determination of protein in food.
164	Thickener	甲基纤维素	methyl cellulose	Bulletin of the Ministry of Health of PRC (No. 8, 2007)	
165	Thickener	田菁胶	sesbania gum	HG/T2787-1996 Sesbania gum.	HG/T2787-1996 Sesbania gum. GB/T 5009.76-2003 Determination of arsenic in food additives. GB/T 8451-87 Method for limit test of heavy metals in food additives (lead).
166	Thickener	亚麻籽胶(富兰克胶)	leed gum	QB2731-2005 Food additive -- Linseed gum.	QB2731-2005 Food additive -- Linseed gum. GB /T 4 789.2 Microbiological examination of food hygiene-Detection of aerobic bacterial count. GB/T 4789.3 Microbiological examination of food hygiene-Detection of Coliform bacteria. GB/T4789.4 Microbiological examination of food hygiene-Examination of Salmonellae. GB /T 5 009.3 Determination of moisture in food. GB /T 5 009.4 Determination of ash in food. GB/T5009.5 Determination of protein in food. GB /T 5 0 09.75 Determination of lead in food additives. GB /T 5 0 09.76 Determination of arsenic in food additives.
167	Thickener, bodying agent of chewing gum	明胶	gelatin	GB 6783-1994 Gelatin.	GB6783-1994 Gelatin. GB 4789.1 Microbiological examination of food hygiene- General rules. GB 4789.2 Microbiological examination of food hygiene-Detection of aerobic bacterial count. GB 4789.3 Microbiological examination of food hygiene-Detection of Coliform bacteria. GB 4789.4 Microbiological examination of food hygiene-Examination of Salmonellae.
168	Thickener, swelling agent, emulsifier, stabilizer	羟丙基淀粉	hydroxypropyl starch	QB1229-1991 Hydroxypropyl starch ether.	QB1229-1991 Hydroxypropyl starch ether.
169	Thickener, emulsifier, coating agent, coagulator	可溶性大豆多糖	Soluble soybean polysaccharide	Bulletin of the Ministry of Health of PRC (No. 13, 2008)	

No.	Function	Chinese Name	English Name	Standards Corresponding to Products	Corresponding Testing Methods & Standards
170	Emulsifier, stabilizer, thickener	海藻酸丙二醇酯	propylene glycol alginate	GB10616-2004 Food additive—Propylene glycol alginate.	GB10616-2004 Food additive—Propylene glycol alginate. GB /T 6 682-1992 Water for laboratory use- Specifications and test methods (neqISO3639: 1987). GB /T 8 449 Determination of lead in food additives. GB /T 8 45 Determination of arsenic in food additives. GB /T 8947 Composite plastic woven sack.
171	Flavoring agent	5'-呈味核苷酸二钠	Disodium 5'-ribonucleotide	QB/T 2845-2007 Food additive- Disodium 5-inosinate +Disodium 5-guanylate.	QB/T 2845-2007 Food additive- Disodium 5-inosinate +Disodium 5-guanylate. GB/T5009.11-2003 Determination of total arsenic and abio-arsenic in food.
172	Flavoring agent	氨基乙酸(甘氨酸)	glycine	HG/T3883-2006 Food additive- Glycine (Aminoacetic acid).	HG/T3883-2006 Food additive- Glycine (Aminoacetic acid). GB/T 5009.76-2003 Determination of arsenic in food additives. GB/T 5009.75-2003 Determination of lead in food additives.
173	Flavoring agent	谷氨酸钠	monosodium glutamate	GB/T 8967-2000 Monosodium L- glutamate (99% Wei Jing) .	GB/T 8967-2000 Monosodium L- glutamate (99% Wei Jing) . GB/T 5009.11-1996 Determination of total arsenic in food. GB/T 5009.12-1996 Determination of lead in food. GB/T 6682-1992 Water for laboratory use- Specifications and test methods. GB 9687-1988 Hygienic standard for polyethylene products used as food containers and table wares.
174	Assistant	1-丁醇	1-butanol	GB 10618-89 Food additive – n-butanol.	GB 10618-89 Food additive – n-butanol. GB 6682 Water for laboratory use- Specifications. GB/T 5009.76-2003 Determination of arsenic in food additives. GB 8451 Method for limit test of heavy metals in food additives. GB 4472 General rule for determination of density and relative density for chemical products.
175	Assistant	4-氯苯氧乙酸钠		HG2302-1992 Food additive- 4 - chlorophenoxy acetate.	HG2302-1992 Food additive- 4 - chlorophenoxy acetate. GB/T 5009.76-2003 Determination of arsenic in food additives. GB/T 8451-87 Method for limit test of heavy metals in food additives (lead).
176	Assistant	丙三醇(甘油)	glycerol	GB 13206-1991 glycerine.	GB 13206-1991 glycerine. GB/T 13216.2 Determination of transparency. GB/T 13216.3 Determination of odor. GB/T 13216.4 Test methods for glycerines-Determination of color (Hazen unit-Platinum-Cobalt scale). GB/T 13216.5 Determination of density at 20℃. GB/T 13216.6 Determination of glycerine content. GB/T 13216.7 Limit test for chloride. GB/T 13216.8 Determination of sulphated ash-Gravimetric method. GB/T 13216.9 Determination of acidity or alkalinity- Titrimetric method. GB/T 13216.10 Determination of saponification equivalent. GB/T 13216.11 Limit test for arsenic. GB/T 13216.12 Limit test of heavy metals (lead). GB/T 13216.13 Reducing substance test.
177	Assistant	丙烷	Propane	Bulletin of the Ministry of Health of PRC (No. 13, 2008)	
178	Assistant	丁烷	butane	Bulletin of the Ministry of Health of PRC (No. 13, 2008)	

No.	Function	Chinese Name	English Name	Standards Corresponding to Products	Corresponding Testing Methods & Standards
179	Assistant	凡士林	vaseline	SH/T 0767-2005 Food grade Vaseline.	SH/T 0767-2005 Food grade Vaseline. GB/T265 Petroleum products- Determination of kinematic viscosity and calculation of dynamic viscosity. GB/T601 Chemical agent- Preparation of standard titration solution. GB/T8026 Petroleum waxes and petrolatams- Determination of drop melting point (GB/T8026-87,eqvISO6244:1982). GB8449 Determination of lead in food additive (GB8449-87, neqFAO/WHOJECFA-1983). GB/T1107 9 Test method for carbonizable substances in white mineral oil. SH/T0129 Paraffin wax and grease- Determination of Cauma deposits. SH0164 Petroleum products- Packaging, storage and delivery acceptance rules. SH/T0229 Solid and semisolid petroleum products— Sampling. SH/T0398 Paraffin wax and grease - Determination of molecular weight. SH/T0558 Petroleum products - Determination of boiling range distribution by gas chromatography method. SH/T0655 Vaseline - Test method of polynuclear aromatics.
180	Assistant	固化单宁	immobilizedtannin	LY/T1641-2005 Edible tannic acid.	LY/T 1642-2005 Test method for analysis of tannic acid.
181	Assistant	硅藻土	diatomaceousearth	GB14936-1994 diatomaceous earth hygiene standard. QB/T 2088-1995 Filter aid and diatomite for food industry	GB14936-1994 diatomaceous earth hygiene standard. GB 8449 Determination of lead in food additives. GB/T 5009.76-2003 Determination of arsenic in food additives.
182	Assistant	过氧化氢	hydrogenperoxide	GB22216-2008 Food additive- hydrogen peroxide.	GB22216-2008 Food additive- hydrogen peroxide. GB/T 5009.16-2003 Determination of tin in food. GB/T 5009.76-2003 Determination of arsenic in food additives. GB/T 5009.87-2003 Determination of phosphorus in food.
183	Assistant	聚苯乙烯	Polystyrene(简称PS)	Bulletin of the Ministry of Health of PRC (No. 13, 2008)	
184	Assistant	氢氧化钠	sodiumhydroxide	GB5175-2008 Food additive- sodium hydroxide.	GB5175-2008 Food additive- sodium hydroxide. GB /T 8,450 -1987 Determination of arsenic in food additives. GB/T 8451-1987 Method for limit test of heavy metals in food additives. GB /T 1 1198.10-1989 Sulphuric acid for industrial use-Determination of mercury content- Flameless atomic absorption spe.
185	Assistant	食用单宁	edibletannin	LY/T1641-2005 Edible tannic acid.	LY/T 1642-2005 Test method for analysis of tannic acid.
186	Assistant	松香甘油酯	glycerolesterofrosin	GB10287-1988 Glycerol ester of rosin and glycerol ester of partially hydrogenated rosin.	GB10287-1988 Glycerol ester of rosin and glycerol ester of partially hydrogenated rosin. GB 8450 Determination of arsenic in food additives. GB 8451 Method for limit test of heavy metals in food additives.
187	Assistant	维生素B族	vitaminBfamily	GB14751-1993 Vitamin B1(Thiamine hydrochloride). GB14752-1993 Riboflavin (Vitamin B2). GB14753-1993 Vitamin B6 (pyridoxine hydrochloride).	GB14751-1993 Vitamin B1 (Thiamine hydrochloride). GB14753-1993 Vitamin B6 (pyridoxine hydrochloride). GB14752-1993 Riboflavin (Vitamin B2).
188	Assistant	乙醇	ethanol	GB 10343-2002 Edible alcohol.	GB10343-2002 Edible alcohol.

No.	Function	Chinese Name	English Name	Standards Corresponding to Products	Corresponding Testing Methods & Standards
189	Assistant	乙酸乙酯	ethylacetate	GB8315-2008 Food additive- ethyl caproate.	GB8315-2008 Food additive- ethyl caproate. GB/T 5009.74 Method for limit test of heavy metals in food additives. GB/T 5009.76 Determination of arsenic in food additives.
190	Assistant	硫酸钠	sodiumsulfate	GB 1894-1992 Food additive—Anhydrous sodium sulphite.	GB 1894-1992 Food additive—Anhydrous sodium sulphite. GB/T 5,009.74-2003 Method for limit test of heavy metals in food additives. GB/T 5,009.76-2003 Determination of arsenic in food additives.
191	Assistant	氯化磷酸三钠	trisodiumphosphatechlorinated	HG/T 2528-1993 Chlorinated sodium phosphate.	HG/T 2528-1993 Chlorinated sodium phosphate.
192	Assistant	尿素	urea	GB 2440-2001 Urea.	GB2440-2001
193	Assistant	膨润土	bentonite	GB/T20973-2007 Bentonite (National Standards).	Bentonite national standards GB/T20973-2007
194	Assistant, bodying agent of chewing gum	石蜡	paraffin	GB7189-94 Food additive- paraffin wax.	GB 7189-94 Food additive- paraffin wax (national standards).
195	Colorant	胭脂红及其铝色淀	ponceau 4R, ponceau 4R aluminum lake	GB/T4480.1-2001 Food additive- Carmine. GB/T4480.2-2001 Food additive- Ponceau 4R aluminum lake.	GB/T4480.1-2001 Food additive- Carmine. GB/T4480.2-2001 Food additive—Ponceau 4R aluminum lake.
196	Colorant	柠檬黄及其铝色淀	tartrazine, tartrazine aluminum lake	GB/T4481.1-1999 Food additive- Lemon yellow. GB/T4481.2-1999 Food additive- Tartrazine aluminum lake.	GB/T4481.1-1999 Food additive- Lemon yellow. GB/T4481.2-1999 Food additive—Tartrazine aluminum lake.
197	Colorant	辣椒红	paprika red	GB 10783-2008 Food additive- Paprika red.	GB10783-2008 Food additive--Paprika red.
198	Colorant	新红及其铝色淀	new red,new red aluminum lake	GB 14888.1-1994 Food additive- New red. GB 14888.2-1994 Food additive- New red aluminum lake	GB14888.1-1994 Food additive- new red. GB14888.2-1994 Food additive- New red aluminum lake
199	Colorant	红曲红	red kojic rice,monascus red	GB 15961-2005 Food additive- Monascus color	GB15961-2005 Food additive- Monascus color
200	Colorant	诱惑红及其铝色淀	allura red,allura aluminum lake	GB 17511.1-2008 Food additive- Fancy red. GB 17511.2-2008 Food additive- Fancy (Allura) red aluminum lake.	GB17511.2-2008 Food additive- Fancy (Allura) red aluminum lake. GB17511.1-2008 Food additive- Fancy red
201	Colorant	赤藓红及其铝色淀	Erythrosine,erythrosine aluminum lake	GB 17512.1-1998 Food additive- erythrosine. GB 17512.2-1998 Food additive- erythrosine aluminum lake.	GB17512.1-1998 Food additive- erythrosine. GB17512.2-1998 Food additive- erythrosine aluminum lake.
202	Colorant	苋菜红及其铝色淀	amaranth,amaranth aluminum lake	GB 4479.1-2001 Food additive- Amaranth. GB 4479.2-2005 Food additive- Amaranth aluminum lake	GB4479.1-2001 Food additive- Amaranth. GB4479.2-2005 Food additive- Amaranth aluminum lake
203	Colorant	紫胶红(虫胶红)	lac dye red (lac red)	GB 4571-1996 Food additive- Lac dye	GB4571-1996 Food additive-Lac dye

No.	Function	Chinese Name	English Name	Standards Corresponding to Products	Corresponding Testing Methods & Standards
204	Colorant	红曲米	red kojic rice,monascus red	GB 4926-2008 Food additive- red yeast rice (powder)	GB4926-2008 Food additive- red yeast rice (powder)
205	Colorant	日落黄及其铝色淀	sunset yellow,sunset yellow aluminum lake	GB 6227.1-1999 Food additive- Sunset yellow. GB 6227.2-2005 Food additive- Sunset yellow aluminum lake	GB6227.1-1999 Food additive- Sunset yellow. GB6227.2-2005 Food additive- Sunset yellow aluminum lake
206	Colorant	越桔红	cowberry red	GB 6228-1986 Food additive- Cow berry red	GB6228-1986 Food additive- Cow berry red
207	Colorant	萝卜红	radish red	GB 6718-1986 Food additive- Radish red	GB6718-1986 Food additive- Radish red
208	Colorant	亮蓝及其铝色淀	brilliant blue, brilliant blue aluminum lake	GB 7655.1-2005 Food additive- Brilliant blue. GB 7655.2-2005 Food additive- Brilliant blue aluminum lake	GB7655.1-2005 Food additive- Brilliant blue. GB7655.2-2005 Food additive- Brilliant blue aluminum lake
209	Colorant	栀子黄	gardenia yellow	GB 7912-1987 Food additive- Gardenia yellow, crocin	GB7912-1987 Food additive- Gardenia yellow, crocin
210	Colorant	焦糖色(加氨生产)	caramel colour class III – ammonia process	GB 8817-2001 Food additive- Caramel (sulfite ammonia caramel, ammonia caramel, plain caramel)	GB8817-2001 Food additive- Caramel (sulfite ammonia caramel, ammonia caramel, plain caramel)
211	Colorant	焦糖色(普通法)	caramel colour class I - plain	GB 8817-2001 Food additive- Caramel (sulfite ammonia caramel, ammonia caramel, plain caramel)	GB8817-2001 Food additive- Caramel (sulfite ammonia caramel, ammonia caramel, plain caramel)
212	Colorant	焦糖色(亚硫酸铵法)	caramel colour class IV – ammonia sulphite process	GB 8817-2001 Food additive- Caramel (sulfite ammonia caramel, ammonia caramel, plain caramel)	GB8817-2001 Food additive- Caramel (sulfite ammonia caramel, ammonia caramel, plain caramel)
213	Colorant	可可壳色	cacao husk pigment	GB 8818-2008 Food additive- Cacao pigment	GB8818-2008 Food additive- Cacao pigment
214	Colorant	高粱红	sorghum red	GB 9993-2005 Food additive- Sorghum pigment	GB9993-2005 Food additive- Sorghum pigment
215	Colorant	红花黄	cartham yellow	LY1299-1999 Carthamin yellow	LY1299-1999 Carthamin yellow
216	Colorant	叶绿素铜钠盐	chlorophyllin copper complex,sodium and potassium salts	QB/T3783-1999 Food additive- Sodium copper chlorophyllin	QB/T3783-1999 Food additive- Sodium copper chlorophyllin
217	Colorant	甜菜红	beet red	QB/T3791-1999 Food additive- Beet red	QB/T3791-1999 Food additive- Beet red
218	Colorant	菊花黄浸膏	coreopsis yellow	QB/T3792-1999 Food additive- Coreopsis- yellow	QB/T3792-1999 Food additive- Coreopsis-yellow

No.	Function	Chinese Name	English Name	Standards Corresponding to Products	Corresponding Testing Methods & Standards
219	Colorant	黑豆红	black bean red	QB/T3793-1999 Food additive- Black soya bean red	QB/T3793-1999 Food additive- Black soya bean red
220	Colorant	天然胡萝卜素	Carotene	Bulletin of the Ministry of Health of PRC (No. 5, 2007). QB1414-91 Food additive- natural carotene	Bulletin of the Ministry of Health of PRC (No. 5, 2007). QB1414-91 Food additive- natural carotene
221	Colorant	天然苋菜红	natural amaranthus red	QB1227-1991 Natural amaranth	QB1227-1991 Natural amaranth
222	Colorant	红米红	red rice red	QB1228-1991 Food additive- Red rice red	QB1228-1991 Food additive- Red rice red
223	Colorant	姜黄	turmeric	QB1415-1991 Food additive- Curcumin	QB1415-1991 Food additive- Curcumin
224	Colorant	姜黄素	curcumin	QB1415-1991 Curcumin	QB1415-1991 Curcumin
225	Colorant	杨梅红	Mynica Red	Bulletin of the Ministry of Health of PRC (No. 13, 2008)	
226	Colorant	番茄红	Tomato Red	Bulletin of the Ministry of Health of PRC (No. 17, 2008)	
227	Colorant	番茄红素	Lycopene	Bulletin of the Ministry of Health of PRC (No. 27, 2008)	
228	Colorant	靛蓝及其铝色淀	indigotine, indigotine aluminum lake	HG/T 2750-2006 indigotine	HG/T 2750-2006 indigotine
229	Colorant	辣椒橙	paprika orange	GB 10783-89 Food additive- pepper orange	GB 10783-89 Food additive- pepper orange
230	Colorant	酸性红(偶氮玉红)	carmoisine(azorubine)	HG/T 3431-2001 acid red, HG/T 3385-1999 acid red 5B(acid red G). HG/T 2990-1999 acid red 4B, GB/T 21888-2008 Brilliant acid red P-9B	HG/T 3431-2001 acid red. HG/T 3385-1999 acid red 5B (acid red G). HG/T 2990-1999 acid red 4B. GB/T 21888-2008 Brilliant acid red P-9B
231	Colorant	氧化铁黑(氧化铁红)	iron oxide black, iron oxide red	GB/T 1863-2008 iron oxide pigment	GB/T 1863-2008 iron oxide pigment.
232	Colorant	氧化铁黑, 氧化铁红		GB/T 1863-2008 iron oxide pigment	GB/T 1863-2008 iron oxide pigment.

Note: 1. If no National Standards or Industrial Standards applicable, the

2. The above standards are marked with dates, but the new versions shall