

EXPORT CATALOGUE

功能性食品原料 出口产品目录

Functional Food Ingredients

肽类 · 植物提取物 · 生物发酵类 · 蛋白类 · 膳食纤维类 · 功能糖类 · 糖醇类

Peptides · Botanical extracts · Fermentation-derived · Proteins · Dietary fibres · Functional sugars · Sugar alcohols

113 个品项 · items 2026 年 10 月版 · October 2026

关于米乐 About Mealer

广州米乐生物科技有限公司，是一家以全球寻源与产品开发能力为核心的优质原料方案商。我们从世界各地寻找好原料，理解它、开发它，再把它交到最合适的人手里——有时是一支原料，有时是一套方案。

我们双向工作：把世界的好原料带进中国，也为海外市场寻源并开发中国的优质原料。广州负责运营与开发，香港聚優米國際貿易有限公司作为国际贸易主体，负责出口合同与结算。

本目录所列原料均可索样；规格可按配方定制，询价时请注明用途、数量与目标市场。

Guangzhou Mealer Biotechnology Co., Ltd. is an ingredient solutions house built on global sourcing and in-house product development. We source good ingredients from around the world, understand them, develop them, and deliver them to the people who can use them well — sometimes as a single ingredient, sometimes as a complete solution.

We work in both directions: bringing the world's good ingredients into China, and sourcing and developing quality Chinese ingredients for overseas markets. Operations and development are based in Guangzhou; HK Joyome International Trading Co., Limited is our international trading entity for export contracts and settlement.

Samples of every item in this catalogue are available, and specifications can be tailored to your formula. When requesting a quote, please state the application, quantity and target market.

寻源 Source

深入海外展会、原料商与产地，甄选好原料。

Trade shows, suppliers and origins worldwide.

理解 Understand

懂原料，也懂配方、工艺、法规与市场。

Formulation, process, regulation and market.

抵达 Deliver

原料直供与产品解决方案，送到需要的人手里。

Direct supply and product solutions.

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阅读说明 How to read
规格为常规供应规格，含量后括号内为检测方法（HPLC、UV、GC 等）；可按客户要求定制。「干基」指以干物质计。
Specifications are standard supply grades; the test method is given in brackets (HPLC, UV, GC, etc.). Grades can be customised on request. "Dry basis" means calculated on dry matter.

上列标准为可选执行标准，具体以双方确认的合同规格书与现行有效版本为准。部分品种在不同法域的法规身份存在差异，请结合目标市场确认。
The standards listed are optional; the specification sheet in the signed contract and the current edition of each standard prevail. Regulatory status of some items differs between jurisdictions; please confirm for your target market.



肽类 Peptides

肽类产品以酶解工艺制得，分子量分布与肽含量为关键区分指标。植物来源肽适用于植物基与低敏配方，动物来源胶原肽适用于皮肤与关节方向。

Peptides are produced by enzymatic hydrolysis; molecular-weight distribution and peptide content are the key specifications. Plant-derived peptides suit plant-based and low-allergen formulas; animal-derived collagen peptides suit skin and joint products.

产品 Product	规格 Specification	外观 Appearance	执行标准 Standard	主要应用 Applications
P-01 大豆肽粉 Soy Peptide Powder	肽含量 ≥80% (干基); 蛋白 ≥90%; 分子量 <1000 Da 占比 ≥80% Peptide ≥80% (dry basis); protein ≥90%; MW <1000 Da fraction ≥80%	淡黄色粉末 Light yellow powder	GB/T 22492-2008	运动营养、口服液、特医食品 Sports nutrition, oral liquids, medical foods
P-02 小麦低聚肽 Wheat Oligopeptide	肽含量 ≥85% (干基); 蛋白 ≥90% Peptide ≥85% (dry basis); protein ≥90%	类白色粉末 Off-white powder	QB/T 5298-2018	运动营养、口服液、免疫方向 Sports nutrition, oral liquids, immune products
P-03 玉米低聚肽 Corn Oligopeptide	肽含量 ≥70% (干基); 丙氨酸、亮氨酸富集 Peptide ≥70% (dry basis); rich in alanine and leucine	浅黄色粉末 Light yellow powder	QB/T 4707-2014	护肝类、解酒类饮品 Liver-care and hangover drinks
P-04 豌豆肽 Pea Peptide	蛋白 ≥80% (干基); 分子量 <1000 Da 占比 ≥70% Protein ≥80% (dry basis); MW <1000 Da fraction ≥70%	类白色粉末 Off-white powder	企业标准 Enterprise standard	植物基蛋白、低敏配方 Plant-based protein, low-allergen formulas
P-05 鱼胶原蛋白肽 Fish Collagen Peptide	蛋白 ≥90% (干基); 羟脯氨酸 ≥8%; 分子量 ≤1000 Da Protein ≥90% (dry basis); hydroxyproline ≥8%; MW ≤1000 Da	白色至类白色粉末 White to off-white powder	GB 31645-2018 / USP / 企业标准 Enterprise standard	皮肤美容、关节健康、饮料 Skin beauty, joint health, beverages
P-06 牛胶原蛋白肽 Bovine Collagen Peptide	蛋白 ≥90% (干基); 羟脯氨酸 ≥9% Protein ≥90% (dry basis); hydroxyproline ≥9%	白色粉末 White powder	GB 31645-2018 / USP / 企业标准 Enterprise standard	关节健康、运动营养 Joint health, sports nutrition
P-07 胶原三肽 Collagen Tripeptide	Gly-Pro-Hyp ≥30%; 分子量 <500 Da 占比 ≥60% Gly-Pro-Hyp ≥30%; MW <500 Da fraction ≥60%	白色粉末 White powder	企业标准 Enterprise standard	高端美容饮品、口服美容 Premium beauty drinks, oral beauty
P-08 乳清蛋白肽 Whey Protein Peptide	蛋白 ≥80% (干基); 肽含量 ≥50% Protein ≥80% (dry basis); peptide ≥50%	乳白色粉末 Milky white powder	企业标准 Enterprise standard	运动营养、氨基酸补充 Sports nutrition, amino-acid supplementation
P-09 酪蛋白磷酸肽 Casein Phosphopeptide (CPP)	CPP ≥85% (干基); N/P 摩尔比 5:1-8:1 CPP ≥85% (dry basis); N/P molar ratio 5:1-8:1	白色至微黄色粉末 White to slightly yellow powder	GB 31617-2014 / 企业标准 Enterprise standard	钙铁吸收促进、儿童营养 Calcium and iron absorption, children's nutrition
P-10 大米肽 Rice Peptide	肽含量 ≥80% (干基); 低致敏性 Peptide ≥80% (dry basis); low allergenicity	白色粉末 White powder	企业标准 Enterprise standard	低敏配方、婴幼儿营养 Low-allergen formulas, infant and toddler nutrition
P-11 酵母肽 Yeast Peptide	肽含量 ≥70% (干基); 蛋白 ≥80%; 游离氨基酸 ≤10% Peptide ≥70% (dry basis); protein ≥80%; free amino acids ≤10%	浅黄色至浅棕色粉末 Light yellow to light brown powder	企业标准 Enterprise standard	免疫支持、肠道健康、口服液 Immune support, gut health, oral liquids
P-12 非变性 II 型胶原蛋白 Undenatured Type II Collagen	非变性 II 型胶原蛋白 ≥10% (ELISA); 三螺旋结构保留; 分子量 ≥300 kDa Undenatured type II collagen ≥10% (ELISA); triple-helix structure retained; MW ≥300 kDa	类白色至浅黄色粉末 Off-white to light yellow powder	企业标准 Enterprise standard	关节健康、免疫调节 Joint health, immune modulation

产品 Product	规格 Specification	外观 Appearance	执行标准 Standard	主要应用 Applications
P-13 蚕丝蛋白肽 Silk Peptide	肽含量 ≥85% (干基); 蛋白 ≥90%; 分子量 <1000 Da 占比 ≥70% Peptide ≥85% (dry basis); protein ≥90%; MW <1000 Da fraction ≥70%	白色至类白色粉末 White to off-white powder	企业标准 Enterprise standard	口服美容、皮肤健康、低致敏蛋白源 Oral beauty, skin health, low-allergen protein source
P-14 鹅肌肽 Anserine	鹅肌肽 ≥99% (HPLC); 肌肽 / 鹅肌肽 1:1 复配规格可定制 Anserine ≥99% (HPLC); carnosine/anserine 1:1 blend available	白色结晶性粉末 White crystalline powder	企业标准 Enterprise standard	抗疲劳、尿酸代谢、运动营养 Anti-fatigue, uric-acid metabolism, sports nutrition
P-15 核桃肽 Walnut Peptide	肽含量 ≥70% (干基); 蛋白 ≥80%; 分子量 <1000 Da 占比 ≥70% Peptide ≥70% (dry basis); protein ≥80%; MW <1000 Da fraction ≥70%	浅黄色至浅棕色粉末 Light yellow to light brown powder	企业标准 Enterprise standard	认知与记忆、运动营养、口服液 Cognition and memory, sports nutrition, oral liquids



植物提取物 Botanical extracts

植提产品以标准化提取物为主，标注指标成分含量与检测方法。可提供提取比例（如 10:1）或标准化（如 5% 含量）两种规格形式，客户可按配方需要选择。

Mostly standardised extracts, labelled with marker-compound content and test method. Available either as an extraction ratio (e.g. 10:1) or standardised to a content (e.g. 5%), whichever your formula needs.

产品 Product	规格 Specification	外观 Appearance	执行标准 Standard	主要应用 Applications
B-01 甜菊糖苷 Steviol Glycosides	Rebaudioside A ≥98% (HPLC)	白色至类白色粉末 White to off-white powder	GB 1886.355-2022 / E 960 / USP	天然代糖、饮料、烘焙 Natural sweetener, beverages, bakery
B-02 罗汉果提取物 Monk Fruit Extract	Mogroside V ≥50% (HPLC); 另有 30% / 80% 规格 Mogroside V ≥50% (HPLC); 30% and 80% grades also available	白色至浅黄色粉末 White to light yellow powder	GB 1886.77 / 企业标准 Enterprise standard	天然代糖、饮料、零糖配方 Natural sweetener, beverages, zero-sugar formulas
B-03 叶黄素酯 Lutein Esters	叶黄素酯 ≥5% / 10% / 20% (微囊化, HPLC) Lutein esters ≥5% / 10% / 20% (microencapsulated, HPLC)	橙黄色流动性粉末 Orange-yellow free-flowing powder	USP	护眼类、软糖、饮料 Eye health, gummies, beverages
B-04 玉米黄质 Zeaxanthin	玉米黄质 ≥5% / 10% / 20% (微囊化) Zeaxanthin ≥5% / 10% / 20% (microencapsulated)	橙红色粉末 Orange-red powder	USP / 企业标准 Enterprise standard	护眼配方 (与叶黄素配伍) Eye-health formulas (paired with lutein)
B-05 姜黄素 Curcumin	总姜黄素 ≥95% (HPLC); 另供水溶性规格 Total curcuminoids ≥95% (HPLC); water-soluble grade also available	橙黄色结晶粉末 Orange-yellow crystalline powder	USP / E 100	抗炎抗氧化、饮料、软糖 Anti-inflammatory and antioxidant, beverages, gummies
B-06 绿茶提取物 Green Tea Extract	总多酚 ≥98%; EGCG ≥45% (HPLC) Total polyphenols ≥98%; EGCG ≥45% (HPLC)	棕黄色至棕绿色粉末 Brownish-yellow to brownish-green powder	USP / 企业标准 Enterprise standard	体重管理、抗氧化 Weight management, antioxidant
B-07 水飞蓟提取物 Milk Thistle Extract	水飞蓟素 ≥80% (UV); 水飞蓟宾 ≥30% (HPLC), 另有 50% 规格 Silymarin ≥80% (UV); silybin ≥30% (HPLC), 50% grade also available	浅黄色粉末 Light yellow powder	USP / EP	护肝类膳食补充剂 Liver-care dietary supplements
B-08 槐米提取物 Sophora Japonica Extract	芦丁 ≥95% (HPLC); 另有槲皮素规格 Rutin ≥95% (HPLC); quercetin grade also available	黄绿色粉末 Yellow-green powder	EP / 企业标准 Enterprise standard	血管健康、抗氧化 Vascular health, antioxidant
B-09 人参提取物 Ginseng Extract	人参皂苷 ≥80% (UV); HPLC 规格 10%-40% 可选 Ginsenosides ≥80% (UV); HPLC grades 10%-40% available	浅黄色至浅棕色粉末 Light yellow to light brown powder	USP / 企业标准 Enterprise standard	免疫支持、抗疲劳 Immune support, anti-fatigue
B-10 红景天提取物 Rhodiola Rosea Extract	Rosavins ≥3%; 红景天苷 ≥1% (HPLC) Rosavins ≥3%; salidroside ≥1% (HPLC)	红棕色粉末 Reddish-brown powder	USP / 企业标准 Enterprise standard	抗疲劳、情绪与压力管理 Anti-fatigue, mood and stress management
B-11 西兰花种子水提物 Broccoli Seed Extract	萝卜硫苷 ≥13% (HPLC) Glucoraphanin ≥13% (HPLC)	浅黄色至黄褐色粉末 Light yellow to yellowish-brown powder	企业标准 Enterprise standard	抗氧化、细胞防护 Antioxidant, cell protection
B-12 接骨木莓提取物 Elderberry Extract	花青素 ≥10%; 总多酚 ≥20% (UV) Anthocyanins ≥10%; total polyphenols ≥20% (UV)	紫红色至深紫色粉末 Purplish-red to dark purple powder	企业标准 Enterprise standard	免疫支持、饮品 Immune support, drinks
B-13 红参提取物 Red Ginseng Extract	人参皂苷 Rg1+Re+Rb1 总量 ≥10% (HPLC); Rg3 规格可定制	浅黄色至浅棕色粉末	USP / 企业标准 Enterprise standard	免疫支持、抗疲劳、气血方向 Immune support, anti-

产品 Product	规格 Specification	外观 Appearance	执行标准 Standard	主要应用 Applications
	Ginsenosides Rg1+Re+Rb1 ≥10% (HPLC); Rg3 grade can be customised	Light yellow to light brown powder		fatigue, qi-and-blood (TCM) products
B-14 葡萄籽提取物 Grape Seed Extract	原花青素 ≥95% (UV); 多酚 ≥95%; OPC ≥95% Proanthocyanidins ≥95% (UV); polyphenols ≥95%; OPC ≥95%	红棕色至浅棕色粉末 Reddish-brown to light brown powder	USP / 企业标准 Enterprise standard	抗氧化、血管健康、口服美容 Antioxidant, vascular health, oral beauty
B-15 马齿苋提取物 Purslane Extract	总黄酮 ≥10% (UV); 提取比例 10:1 规格可定制 Total flavonoids ≥10% (UV); 10:1 extract ratio can be customised	棕黄色至棕绿色粉末 Brownish-yellow to brownish-green powder	企业标准 Enterprise standard	皮肤健康、抗炎方向、口服美容 Skin health, anti-inflammatory, oral beauty
B-16 积雪草提取物 Centella Asiatica Extract	积雪草总苷 ≥10% / ≥40% (HPLC); 羟基积雪草苷规格可定制 Total centella glycosides ≥10% / ≥40% (HPLC); madecassoside grade can be customised	浅黄色至黄棕色粉末 Light yellow to yellowish-brown powder	企业标准 Enterprise standard	皮肤修复、口服美容、化妆品 Skin repair, oral beauty, cosmetics
B-17 灵芝提取物 Reishi Mushroom Extract	灵芝多糖 ≥20% (UV); 总三萜 ≥4%; 破壁孢子粉规格另供 Polysaccharides ≥20% (UV); total triterpenes ≥4%; broken-wall spore powder also available	浅棕色至棕色粉末 Light brown to brown powder	企业标准 Enterprise standard	免疫支持、睡眠与情绪、养生配方 Immune support, sleep and mood, wellness formulas
B-18 芹菜籽提取物 Celery Seed Extract	芹菜素 ≥10% (HPLC); 提取比例 10:1 规格可定制 Apigenin ≥10% (HPLC); 10:1 extract ratio can be customised	浅黄绿色至棕黄色粉末 Light yellow-green to brownish-yellow powder	企业标准 Enterprise standard	尿酸代谢、关节方向 Uric-acid metabolism, joint products
B-19 槲皮素 Quercetin	槲皮素 ≥95% / ≥98% (HPLC); 二水合物 Quercetin ≥95% / ≥98% (HPLC); dihydrate	黄色至黄绿色粉末 Yellow to yellow-green powder	USP / 企业标准 Enterprise standard	抗氧化、过敏方向、心血管 Antioxidant, allergy products, cardiovascular
B-20 二氢杨梅素 Dihydromyricetin (DHM)	二氢杨梅素 ≥98% (HPLC); 藤茶来源 Dihydromyricetin ≥98% (HPLC); from vine tea (Ampelopsis grossedentata)	白色至类白色结晶粉末 White to off-white crystalline powder	企业标准 Enterprise standard	解酒护肝、抗氧化、代谢方向 Hangover and liver care, antioxidant, metabolic products
B-21 虎杖提取物 Giant Knotweed Extract	白藜芦醇 ≥98% (HPLC); 虎杖苷 ≥10% 规格可定制 Resveratrol ≥98% (HPLC); polydatin ≥10% grade can be customised	白色至浅黄色粉末 White to light yellow powder	USP / 企业标准 Enterprise standard	抗氧化、心血管、口服美容 Antioxidant, cardiovascular, oral beauty
B-22 银杏提取物 Ginkgo Biloba Extract	总黄酮醇苷 ≥24%; 萜类内酯 ≥6%; 银杏酸 <5 ppm (HPLC) Flavone glycosides ≥24%; terpene lactones ≥6%; ginkgolic acids <5 ppm (HPLC)	浅棕色至棕色粉末 Light brown to brown powder	USP / EP	认知与记忆、循环健康 Cognition and memory, circulation
B-23 薄荷提取物 Peppermint Extract	薄荷醇 ≥30% (GC); 薄荷多酚规格可定制 Menthol ≥30% (GC); peppermint polyphenol grade can be customised	白色至浅绿色粉末 White to light green powder	企业标准 Enterprise standard	消化舒适、口气清新、清凉风味 Digestive comfort, fresh breath, cooling flavour
B-24 越橘提取物 Bilberry Extract	花青素 ≥25% (UV); 另有 36% 规格 Anthocyanins ≥25% (UV); 36% grade also available	深紫红色至深紫色粉末 Dark purplish-red to dark purple powder	USP / 企业标准 Enterprise standard	护眼、视疲劳、抗氧化 Eye health, eye fatigue, antioxidant
B-25 乳香提取物 Frankincense Extract	乳香酸 ≥65% (HPLC); 11-羧基-β-乳香酸 ≥10% Boswellic acids ≥65% (HPLC); AKBA ≥10%	白色至类白色粉末 White to off-white powder	企业标准 Enterprise standard	关节健康、抗炎方向 Joint health, anti-inflammatory
B-26 黑种草籽提取物 Black Seed Extract	百里醌 ≥1% / ≥3% (HPLC); 另供黑种草籽油 Thymoquinone ≥1% / ≥3% (HPLC); black seed oil also available	浅黄棕色至棕色粉末 Light yellowish-brown to brown powder	企业标准 Enterprise standard	免疫支持、呼吸方向 Immune support, respiratory products

产品 Product	规格 Specification	外观 Appearance	执行标准 Standard	主要应用 Applications
B-27 紫锥菊提取物 Echinacea Extract	菊苣酸 ≥4% (HPLC); 总多酚 ≥4% (UV) Chicoric acid ≥4% (HPLC); total polyphenols ≥4% (UV)	棕绿色至棕黄色粉末 Brownish-green to brownish-yellow powder	USP / 企业标准 Enterprise standard	免疫支持、季节交替方向 Immune support, seasonal wellness
B-28 石榴皮提取物 Pomegranate Peel Extract	鞣花酸 ≥40% (HPLC); 安石榴苷 ≥30% 规格可定制 Ellagic acid ≥40% (HPLC); punicalagins ≥30% grade can be customised	黄棕色至棕色粉末 Yellowish-brown to brown powder	企业标准 Enterprise standard	抗氧化、皮肤健康、口服美容 Antioxidant, skin health, oral beauty
B-29 玫瑰茄提取物 Roselle Extract	花青素 ≥5% (UV); 总多酚 ≥20% Anthocyanins ≥5% (UV); total polyphenols ≥20%	紫红色至深红色粉末 Purplish-red to dark red powder	企业标准 Enterprise standard	抗氧化、体重管理、花果茶饮品 Antioxidant, weight management, herbal and fruit teas
B-30 荜茇提取物 Long Pepper Extract	胡椒碱 ≥98% (HPLC); 另有黑胡椒提取物规格 Piperine ≥98% (HPLC); black pepper extract grade also available	白色至类白色结晶粉末 White to off-white crystalline powder	USP / 企业标准 Enterprise standard	生物利用度增效、代谢方向 Bioavailability enhancer, metabolic products
B-31 蛹虫草提取物 Cordyceps Militaris Extract	虫草素 ≥1% (HPLC); 虫草多糖 ≥20% (UV) Cordycepin ≥1% (HPLC); polysaccharides ≥20% (UV)	浅黄棕色至棕色粉末 Light yellowish-brown to brown powder	企业标准 Enterprise standard	免疫支持、运动耐力 Immune support, endurance
B-32 白桦茸提取物 Chaga Extract	桦木酸 ≥1% (HPLC); 多糖 ≥20% (UV) Betulinic acid ≥1% (HPLC); polysaccharides ≥20% (UV)	深棕色至黑色粉末 Dark brown to black powder	企业标准 Enterprise standard	免疫支持、抗氧化 Immune support, antioxidant
B-33 云芝提取物 Turkey Tail Extract	云芝多糖 ≥30% (UV) Polysaccharides ≥30% (UV)	棕色至深棕色粉末 Brown to dark brown powder	企业标准 Enterprise standard	免疫支持、肠道健康 Immune support, gut health
B-34 猴头菇提取物 Lion's Mane Extract	猴头菇多糖 ≥30% (UV); 猴头菇酮 ≥1% 规格可定制 Polysaccharides ≥30% (UV); hericenones ≥1% grade can be customised	浅黄色至浅棕色粉末 Light yellow to light brown powder	企业标准 Enterprise standard	认知与神经、胃部舒适 Cognition and nerves, stomach comfort
B-35 姬松茸提取物 Agaricus Blazei Extract	多糖 ≥30% (UV); β-葡聚糖 ≥20% Polysaccharides ≥30% (UV); beta-glucan ≥20%	浅棕色至棕色粉末 Light brown to brown powder	企业标准 Enterprise standard	免疫支持、养生配方 Immune support, wellness formulas

生物发酵类 Fermentation-derived

本类品种通过微生物发酵或细胞培养法制得，较传统提取法具有批次一致性好、杂质谱可控的优势。可提供发酵法与提取法并行的供应商资源，客户可按成本与合规要求选择工艺来源。原医药中间体类品种（如 L-茶氨酸、 α -硫辛酸、辅酶 Q10、PQQ、麦角硫因、谷胱甘肽、NMN 等）已并入本类，其法规身份随目标市场不同而存在差异，请在询盘时注明用途。

Made by microbial fermentation or cell culture, giving better batch-to-batch consistency and a more controlled impurity profile than conventional extraction. We can source both fermentation and extraction routes so you can choose by cost and compliance needs. Former pharmaceutical-intermediate items (e.g. L-theanine, alpha lipoic acid, CoQ10, PQQ, ergothioneine, glutathione, NMN) are listed here; their regulatory status differs by market, so please state the intended use when you enquire.

产品 Product	规格 Specification	外观 Appearance	执行标准 Standard	主要应用 Applications
F-01 透明质酸钠 Sodium Hyaluronate	含量 $\geq 95\%$ (干基); 分子量可定制 (0.5–2.5 MDa); 食品级 / 化妆品级 Assay $\geq 95\%$ (dry basis); molecular weight customisable (0.5–2.5 MDa); food and cosmetic grades	白色粉末或颗粒 White powder or granules	USP / 企业标准 Enterprise standard	口服美容、关节健康、保湿配方 Oral beauty, joint health, moisturising formulas
F-02 依克多因 Ectoine	含量 $\geq 98\%$ (HPLC) Assay $\geq 98\%$ (HPLC)	白色结晶粉末 White crystalline powder	企业标准 Enterprise standard	皮肤屏障、化妆品、口服美容 Skin barrier, cosmetics, oral beauty
F-03 γ-氨基丁酸 Gamma-Aminobutyric Acid (GABA)	含量 $\geq 99\%$ (HPLC); 发酵法 Assay $\geq 99\%$ (HPLC); fermentation	白色结晶性粉末 White crystalline powder	企业标准 Enterprise standard	情绪放松、睡眠、软糖与饮品 Relaxation, sleep, gummies and drinks
F-04 L-精氨酸 L-Arginine	含量 $\geq 98.5\%$ (发酵法); 食品级 Assay $\geq 98.5\%$ (fermentation); food grade	白色结晶粉末 White crystalline powder	USP / 企业标准 Enterprise standard	运动营养、氨基酸配方 Sports nutrition, amino-acid formulas
F-05 L-谷氨酰胺 L-Glutamine	含量 $\geq 98.5\%$ (发酵法) Assay $\geq 98.5\%$ (fermentation)	白色结晶粉末 White crystalline powder	USP / 企业标准 Enterprise standard	运动营养、肠道健康 Sports nutrition, gut health
F-06 支链氨基酸 2:1:1 BCAA 2:1:1	总含量 $\geq 98\%$; 亮氨酸 : 异亮氨酸 : 缬氨酸 = 2:1:1 Total $\geq 98\%$; leucine : isoleucine : valine = 2:1:1	白色结晶粉末 White crystalline powder	USP / 企业标准 Enterprise standard	运动营养、增肌配方 Sports nutrition, muscle-building formulas
F-07 酵母 β-葡聚糖 Yeast Beta-Glucan	β -葡聚糖 $\geq 70\%$ / $\geq 80\%$ (酵母来源) Beta-glucan $\geq 70\%$ / $\geq 80\%$ (yeast source)	浅黄色至浅棕色粉末 Light yellow to light brown powder	企业标准 Enterprise standard	免疫支持、肠道健康 Immune support, gut health
F-08 虾青素 Astaxanthin	含量 $\geq 2\%$ / $\geq 3\%$ / $\geq 5\%$ (雨生红球藻来源, 油悬或微囊粉) Assay $\geq 2\%$ / $\geq 3\%$ / $\geq 5\%$ (from Haematococcus pluvialis; oil suspension or microencapsulated powder)	深红色油悬液或粉末 Deep red oil suspension or powder	USP / 企业标准 Enterprise standard	抗氧化、护眼、皮肤健康 Antioxidant, eye health, skin health
F-09 维生素 K2 (MK-7) Vitamin K2 (MK-7)	含量可定制 (如 1000–2000 $\mu\text{g/g}$ 微囊粉); 发酵法 Content customisable (e.g. 1000–2000 $\mu\text{g/g}$ microencapsulated powder); fermentation	浅黄色至类白色流动性粉末 Light yellow to off-white free-flowing powder	企业标准 Enterprise standard	骨骼健康、与维生素 D3 配伍 Bone health, pairing with vitamin D3
F-10 N-乙酰神经氨酸 (唾液酸) N-Acetylneuraminic Acid	含量 $\geq 98\%$ (HPLC) Assay $\geq 98\%$ (HPLC)	白色结晶性粉末 White crystalline powder	企业标准 Enterprise standard	婴幼儿营养、化妆品、口服美容 Infant nutrition, cosmetics, oral beauty
F-11 5-羟色氨酸 5-HTP	含量 $\geq 98\%$ (HPLC); 发酵法或加纳籽来源 Assay $\geq 98\%$ (HPLC); fermentation or from Griffonia seed	白色至类白色粉末 White to off-white powder	USP	情绪与睡眠类补充剂 Mood and sleep supplements
F-12 L-茶氨酸 L-Theanine	含量 $\geq 98\%$ (HPLC); 发酵法或化学合成 Assay $\geq 98\%$ (HPLC); fermentation or chemical synthesis	白色结晶性粉末 White crystalline powder	USP / 企业标准 Enterprise standard	情绪放松、功能饮料、睡眠 Relaxation, functional drinks, sleep

产品 Product	规格 Specification	外观 Appearance	执行标准 Standard	主要应用 Applications
F-13 α-硫辛酸 Alpha Lipoic Acid	含量 ≥99% (HPLC); R 型可定制 Assay ≥99% (HPLC); R-form available	淡黄色结晶性粉末 Pale yellow crystalline powder	USP	抗氧化、糖代谢支持 Antioxidant, glucose metabolism support
F-14 辅酶 Q10 Coenzyme Q10	含量 ≥98% (HPLC); 发酵法 Assay ≥98% (HPLC); fermentation	橙黄色结晶性粉末 Orange-yellow crystalline powder	USP	心血管健康、抗氧化、软胶囊 Cardiovascular health, antioxidant, softgels
F-15 吡咯喹啉醌二钠盐 PQQ Disodium Salt	含量 ≥99% (HPLC) Assay ≥99% (HPLC)	红棕色至深红色粉末 Reddish-brown to dark red powder	企业标准 Enterprise standard	线粒体与认知方向补充剂 Mitochondrial and cognitive supplements
F-16 麦角硫因 L-Ergothioneine	含量 ≥99% (HPLC); 发酵法或合成法 Assay ≥99% (HPLC); fermentation or synthesis	白色至类白色粉末 White to off-white powder	企业标准 Enterprise standard	抗氧化、口服美容、化妆品 Antioxidant, oral beauty, cosmetics
F-17 还原型谷胱甘肽 L-Glutathione (Reduced)	含量 ≥98% (HPLC); 食品级与化妆品级 Assay ≥98% (HPLC); food and cosmetic grades	白色粉末 White powder	USP / EP	抗氧化、口服美容、化妆品 Antioxidant, oral beauty, cosmetics
F-18 β-烟酰胺单核苷酸 β-Nicotinamide Mononucleotide (NMN)	含量 ≥99% (HPLC); 酶法或发酵法 Assay ≥99% (HPLC); enzymatic or fermentation	白色至类白色粉末 White to off-white powder	企业标准 Enterprise standard	仅供制药中间体、化妆品与出口市场使用 Pharmaceutical intermediates, cosmetics, and export markets only
F-19 烟酰胺核糖氯化物 Nicotinamide Riboside Chloride	含量 ≥98% (HPLC); 氯化物形式 Assay ≥98% (HPLC); chloride form	白色至类白色粉末 White to off-white powder	企业标准 Enterprise standard	NAD+ 前体、出口市场补充剂 NAD+ precursor, supplements for export markets
F-20 一水肌酸 Creatine Monohydrate	含量 ≥99.5% (HPLC); 一水合物; 粒度可定制 Assay ≥99.5% (HPLC); monohydrate; particle size customisable	白色结晶粉末 White crystalline powder	USP / 企业标准 Enterprise standard	运动营养、增肌与力量配方 Sports nutrition, muscle and strength formulas
F-21 氨基葡萄糖 (盐酸盐 / 硫酸盐) Glucosamine (HCl / Sulfate)	盐酸盐 ≥99%; 硫酸盐 (KCl / NaCl 型) 含量可定制 HCl ≥99%; sulfate (KCl / NaCl form) content customisable	白色结晶粉末 White crystalline powder	USP / 企业标准 Enterprise standard	关节健康、软骨营养 Joint health, cartilage nutrition
F-22 雌马酚 Equol	含量 ≥98% (HPLC); 发酵法或酶转化法 Assay ≥98% (HPLC); fermentation or enzymatic conversion	白色至类白色粉末 White to off-white powder	企业标准 Enterprise standard	女性健康、更年期方向 Women's health, menopause products
F-23 N-乙酰半胱氨酸 N-Acetyl-L-Cysteine (NAC)	含量 ≥98.5% (HPLC); 食品级与化妆品级 Assay ≥98.5% (HPLC); food and cosmetic grades	白色结晶粉末 White crystalline powder	USP / 企业标准 Enterprise standard	抗氧化、呼吸方向、解酒护肝 Antioxidant, respiratory products, hangover and liver care
F-24 还原型辅酶 Q10 Ubiquinol (Reduced CoQ10)	含量 ≥98% (HPLC); 油悬液与微囊粉规格可定制 Assay ≥98% (HPLC); oil suspension and microencapsulated powder customisable	白色至类白色粉末或油悬液 White to off-white powder or oil suspension	企业标准 Enterprise standard	抗氧化、心血管、高吸收配方 Antioxidant, cardiovascular, high-absorption formulas
F-25 亚精胺 Spermidine	含量 ≥98% (HPLC); 发酵法或合成法 Assay ≥98% (HPLC); fermentation or synthesis	白色至类白色粉末 White to off-white powder	企业标准 Enterprise standard	细胞自噬、抗衰方向 Autophagy, healthy-ageing products
F-26 磷脂酰丝氨酸 Phosphatidylserine (PS)	含量 ≥50% / ≥70% (HPLC); 酶转化大豆或向日葵来源 Assay ≥50% / ≥70% (HPLC); enzymatically converted, soy or sunflower source	浅黄色至浅棕色粉末 Light yellow to light brown powder	企业标准 Enterprise standard	认知与记忆、运动营养 Cognition and

产品 Product	规格 Specification	外观 Appearance	执行标准 Standard	主要应用 Applications
				memory, sports nutrition
F-27 纳豆激酶 Nattokinase	活性 ≥ 20000 FU/g (纤维蛋白平板法) Activity ≥ 20000 FU/g (fibrin plate method)	浅黄色至浅棕色粉末 Light yellow to light brown powder	企业标准 Enterprise standard	循环健康、纳豆发酵来源 Circulation health; from natto fermentation
F-28 尿石素 A Urolithin A	含量 $\geq 98\%$ (HPLC); 发酵法或合成法 Assay $\geq 98\%$ (HPLC); fermentation or synthesis	白色至类白色粉末 White to off-white powder	企业标准 Enterprise standard	线粒体功能、抗衰老方向 Mitochondrial function, healthy-ageing products



蛋白类 Proteins

蛋白类以蛋白含量（干基）为核心指标，另按客户要求提供溶解度、分散性、氨基酸谱、粒度与风味指标。植物基与动物基产品均可供应，客户可结合配方定位与目标市场的法规要求选择适配品种。

Specified mainly by protein content (dry basis); solubility, dispersibility, amino-acid profile, particle size and flavour can be specified on request. Both plant- and animal-based proteins are available to match your positioning and target-market rules.

产品 Product	规格 Specification	外观 Appearance	执行标准 Standard	主要应用 Applications
R-01 酪蛋白酸钠 Sodium Caseinate	蛋白 ≥90%（干基）；灰分 ≤6% Protein ≥90% (dry basis); ash ≤6%	白色至浅黄色粉末 White to light yellow powder	USP / 企业标准 Enterprise standard	乳制品、肉制品、营养配方 Dairy, meat products, nutrition formulas
R-02 大豆分离蛋白 Soy Protein Isolate	蛋白 ≥90%（干基）；NSI ≥80% Protein ≥90% (dry basis); NSI ≥80%	浅黄色粉末 Light yellow powder	GB / USP	植物基蛋白、饮料、代餐 Plant-based protein, beverages, meal replacement
R-03 豌豆分离蛋白 Pea Protein Isolate	蛋白 ≥80%（干基）；低致敏、非转基因 Protein ≥80% (dry basis); low allergenicity, non-GMO	浅米黄色粉末 Light beige powder	企业标准 Enterprise standard / USP	植物基蛋白、素食配方 Plant-based protein, vegan formulas
R-04 大米蛋白 Rice Protein	蛋白 ≥80%（干基）；低致敏 Protein ≥80% (dry basis); low allergenicity	类白色至浅棕色粉末 Off-white to light brown powder	企业标准 Enterprise standard	低敏配方、婴幼儿与过敏人群 Low-allergen formulas, infants and people with allergies
R-05 火麻仁蛋白 Hemp Protein	蛋白 ≥50%（干基）；含不饱和脂肪酸 Protein ≥50% (dry basis); contains unsaturated fatty acids	浅绿色至浅棕色粉末 Light green to light brown powder	企业标准 Enterprise standard	植物基、健康食品 Plant-based, health foods
R-06 蛋清蛋白粉 Egg White Protein	蛋白 ≥80%（干基） Protein ≥80% (dry basis)	类白色至浅黄色粉末 Off-white to light yellow powder	USP / 企业标准 Enterprise standard	运动营养、蛋白饮料 Sports nutrition, protein drinks
R-07 马铃薯蛋白 Potato Protein	蛋白 ≥78%（干基）；高赖氨酸 Protein ≥78% (dry basis); high lysine	浅黄色粉末 Light yellow powder	企业标准 Enterprise standard	植物基蛋白、氨基酸平衡配方 Plant-based protein, amino-acid-balanced formulas

膳食纤维类 Dietary fibres

膳食纤维类产品通用指标为膳食纤维含量（干基）与水分。可溶性与不溶性纤维在加工性能差异较大，客户可提供目标产品的应用场景，我方推荐适配品种。

Standard specifications are dietary-fibre content (dry basis) and moisture. Soluble and insoluble fibres behave very differently in processing; tell us the target product and application and we will recommend a suitable grade.

产品 Product	规格 Specification	外观 Appearance	执行标准 Standard	主要应用 Applications
D-01 菊粉 / 菊苣菊粉 Inulin	菊粉 ≥90%（HPLC）；聚合度可定制（短链 / 长链） Inulin ≥90% (HPLC); degree of polymerisation customisable (short / long chain)	白色至类白色粉末 White to off-white powder	GB / 企业标准 Enterprise standard	益生元、低糖配方、代餐 Prebiotic, low-sugar formulas, meal replacement
D-02 低聚果糖 Fructo-oligosaccharide (FOS)	FOS ≥95%（干基）；另供 55% 液体 FOS ≥95% (dry basis); 55% liquid also available	白色粉末或无色糖浆 White powder or colourless syrup	GB 1903.40-2022	益生元、婴幼儿配方、饮料 Prebiotic, infant formulas, beverages
D-03 抗性糊精 Resistant Dextrin	膳食纤维 ≥82%（干基）；抗性糊精 ≥90% Dietary fibre ≥82% (dry basis); resistant dextrin ≥90%	白色至类白色粉末或糖浆 White to off-white powder or syrup	企业标准 Enterprise standard	低糖低卡、饮料、代餐 Low-sugar and low-calorie, beverages, meal replacement
D-04 聚葡萄糖 Polydextrose	含量 ≥90%（干基）；膳食纤维 ≥82% Assay ≥90% (dry basis); dietary fibre ≥82%	白色至浅黄色粉末 White to light yellow powder	GB 1886.385-2025 / USP	膳食纤维强化、低糖烘焙 Fibre fortification, low-sugar bakery
D-05 燕麦 β-葡聚糖 Oat Beta-Glucan	β-葡聚糖 ≥70%（干基） Beta-glucan ≥70% (dry basis)	浅黄色至浅棕色粉末 Light yellow to light brown powder	企业标准 Enterprise standard / USP	降胆固醇宣称、饮料、谷物食品 Cholesterol-lowering claims, beverages, cereal foods
D-06 魔芋葡甘聚糖 Konjac Glucomannan	KGM ≥95%（干基）；黏度可定制 KGM ≥95% (dry basis); viscosity customisable	白色至类白色粉末 White to off-white powder	GB 1886 系列 series / USP	体重管理、饱腹感配方 Weight management, satiety formulas
D-07 圆苞车前子壳粉 Psyllium Husk Powder	纯度 ≥95% / ≥98%；膨胀系数 ≥40 mL/g Purity ≥95% / ≥98%; swelling index ≥40 mL/g	浅棕色至棕褐色粉末 Light brown to tan powder	USP / 企业标准 Enterprise standard	肠道健康、通便类配方 Gut health, regularity formulas
D-08 苹果纤维 Apple Fiber	膳食纤维 ≥50%（干基）；可溶性纤维 ≥10% Dietary fibre ≥50% (dry basis); soluble fibre ≥10%	浅棕色粉末 Light brown powder	企业标准 Enterprise standard	烘焙、肉制品、膳食纤维补充 Bakery, meat products, fibre supplementation
D-09 竹笋纤维 Bamboo Fiber	膳食纤维 ≥90%（干基） Dietary fibre ≥90% (dry basis)	白色至类白色粉末 White to off-white powder	企业标准 Enterprise standard	低热量填充、烘焙、代餐 Low-calorie bulking, bakery, meal replacement
D-10 大豆纤维 Soy Fiber	膳食纤维 ≥65%（干基）；蛋白 ≥15% Dietary fibre ≥65% (dry basis); protein ≥15%	浅黄色粉末 Light yellow powder	企业标准 Enterprise standard	膳食纤维强化、烘焙 Fibre fortification, bakery

功能糖类 Functional sugars

功能糖包括益生元类低聚糖与低升糖型单双糖。低聚糖类以有效组分含量为关键指标，低升糖糖类以纯度与水分控制为重点。液体规格按固形物含量（Brix）表述。

Covers prebiotic oligosaccharides and low-glycaemic mono- and disaccharides. Oligosaccharides are specified by active-fraction content, low-glycaemic sugars by purity and moisture. Liquid grades are expressed as solids content (Brix).

产品 Product	规格 Specification	外观 Appearance	执行标准 Standard	主要应用 Applications
G-01 低聚异麦芽糖 Isomalto-oligosaccharide (IMO)	IMO ≥90%（干基）；另供 50% 糖浆 IMO ≥90% (dry basis); 50% syrup also available	白色粉末或无色糖浆 White powder or colourless syrup	GB/T 20881-2017	益生元、低糖食品、饮料 Prebiotic, low-sugar foods, beverages
G-02 低聚半乳糖 Galacto-oligosaccharide (GOS)	GOS ≥57%（干基）；另供 70% 糖浆 GOS ≥57% (dry basis); 70% syrup also available	无色至浅黄色糖浆 Colourless to light yellow syrup	GB 1903.27-2022 / 企业标准 Enterprise standard	婴幼儿配方、益生元、乳制品 Infant formulas, prebiotic, dairy
G-03 低聚木糖 Xylo-oligosaccharide (XOS)	木二糖至木七糖总量 ≥95%（干基） Xylobiose to xyloheptaose ≥95% (dry basis)	白色至浅黄色粉末 White to light yellow powder	企业标准 Enterprise standard	高效益生元、低糖配方 High-potency prebiotic, low-sugar formulas
G-04 低聚甘露糖 Manno-oligosaccharide (MOS)	MOS ≥90%（干基） MOS ≥90% (dry basis)	白色至类白色粉末 White to off-white powder	企业标准 Enterprise standard	肠道健康、免疫方向 Gut health, immune products
G-05 异麦芽酮糖（帕拉金糖） Isomaltulose	含量 ≥98%（HPLC）；低升糖指数 Assay ≥98% (HPLC); low glycaemic index	白色结晶粉末 White crystalline powder	企业标准 Enterprise standard	低升糖食品、运动营养、糖果 Low-GI foods, sports nutrition, confectionery
G-06 海藻糖 Trehalose	含量 ≥98%（HPLC）；二水合物 Assay ≥98% (HPLC); dihydrate	白色结晶粉末 White crystalline powder	GB/T 23529-2009 / USP	蛋白保护、烘焙、饮料 Protein protection, bakery, beverages
G-07 D-阿洛酮糖 D-Allulose	含量 ≥98%（HPLC）；低热量 Assay ≥98% (HPLC); low calorie	白色结晶粉末或糖浆 White crystalline powder or syrup	企业标准 Enterprise standard	零糖配方、减糖饮料、烘焙 Zero-sugar formulas, reduced-sugar drinks, bakery
G-08 塔格糖 D-Tagatose	含量 ≥98%（HPLC）；低升糖 Assay ≥98% (HPLC); low glycaemic	白色结晶粉末 White crystalline powder	企业标准 Enterprise standard	低升糖食品、口腔健康 Low-GI foods, oral health
G-09 壳寡糖 Chito-oligosaccharide	含量 ≥90%（干基）；聚合度 2-10 Assay ≥90% (dry basis); degree of polymerisation 2-10	浅黄色至类白色粉末 Light yellow to off-white powder	GB / 企业标准 Enterprise standard	肠道健康、免疫支持 Gut health, immune support
G-10 L-阿拉伯糖 L-Arabinose	含量 ≥99%（HPLC） Assay ≥99% (HPLC)	白色结晶粉末 White crystalline powder	企业标准 Enterprise standard	蔗糖代谢调节、代糖复配 Sucrose metabolism modulation, sweetener blends

糖醇类 Sugar alcohols

糖醇类以结晶粉末与液体两种形态供应。液体规格按固形物含量表述，客户如需特定黏度或水分活度，可在订货时注明。本类产品通常需同时确认目标市场对「无糖」等营养声称的标示规则。

Supplied as crystalline powders and liquids. Liquid grades are expressed as solids content; specify viscosity or water activity when ordering if required. Please also confirm your target market's labelling rules for nutrition claims such as "sugar-free".

产品 Product	规格 Specification	外观 Appearance	执行标准 Standard	主要应用 Applications
S-01 赤藓糖醇 Erythritol	含量 ≥99.5% (HPLC); 水分 ≤0.5% Assay ≥99.5% (HPLC); moisture ≤0.5%	白色结晶颗粒或粉末 White crystalline granules or powder	GB 1886.390-2026 / USP	零糖糖果、饮料、代糖复配 Zero-sugar confectionery, beverages, sweetener blends
S-02 木糖醇 Xylitol	含量 ≥99% (HPLC); 另有液体 50% 规格 Assay ≥99% (HPLC); 50% liquid also available	白色结晶粉末 White crystalline powder	GB 1886.234 / USP	无糖口香糖、口腔护理、糖果 Sugar-free chewing gum, oral care, confectionery
S-03 山梨糖醇 Sorbitol	粉末 ≥99%; 液体 70% (固形物) Powder ≥99%; liquid 70% (solids)	白色粉末或无色糖浆 White powder or colourless syrup	GB 1886.187 / USP	无糖食品、保湿剂、糖果 Sugar-free foods, humectant, confectionery
S-04 麦芽糖醇 Maltitol	结晶 ≥99%; 液体 75% (固形物) Crystalline ≥99%; liquid 75% (solids)	白色结晶粉末或无色糖浆 White crystalline powder or colourless syrup	GB 1886 系列 series / USP	无糖巧克力、烘焙、糖果 Sugar-free chocolate, bakery, confectionery
S-05 甘露糖醇 Mannitol	含量 ≥99% (HPLC) Assay ≥99% (HPLC)	白色结晶粉末 White crystalline powder	USP / EP	低热量甜味、压片辅料、口腔护理 Low-calorie sweetness, tableting excipient, oral care
S-06 异麦芽糖醇 Isomalt	含量 ≥99% (HPLC) Assay ≥99% (HPLC)	白色结晶颗粒 White crystalline granules	USP / 企业标准 Enterprise standard	无糖硬糖、烘焙、装饰 Sugar-free hard candy, bakery, decoration
S-07 乳糖醇 Lactitol	含量 ≥99% (HPLC) Assay ≥99% (HPLC)	白色结晶粉末 White crystalline powder	USP / 企业标准 Enterprise standard	无糖烘焙、糖果、肠道方向 Sugar-free bakery, confectionery, gut products
S-08 氢化淀粉水解物 Hydrogenated Starch Hydrolysate (HSH)	固形物 ≥75%; 山梨糖醇与麦芽糖醇混合物 Solids ≥75%; blend of sorbitol and maltitol	无色至浅黄色黏稠糖浆 Colourless to light yellow viscous syrup	GB 1886 系列 series / USP	无糖糖果、保湿、成本优化配方 Sugar-free confectionery, humectant, cost-optimised formulas



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