



PRODUCT TECHNICAL DOSSIER

产品技术文件

WHITE KIDNEY BEAN EXTRACT

白芸豆提取物

Raw Material Full Name 原料名称	White Kidney Bean Extract 白芸豆提取物
Raw Material Full Botanical/Chemical/Latin/Trade Name 全部植物原料/化学名/拉丁名/商品名	White Kidney Bean Extract 白芸豆提取物
This material is Food Grade 这个原料是食品级别	Yes 是
Particle Size 粒径	100 mesh 100 目
Percentage passed through 通过百分比	Min 95% 最低 95%
Loss on Drying 干燥失量	Max 10% 最高 10%
Country of Origin 原产国	China 中国
Country of Origin of the Manufacture 制造国	China 中国
Origin of Product 产品来源	Plant 植物
Plant 植物	Phaseolus vulgaris L 菜豆属
Part of the plant used 所用之部分	Beans 豆子
Solvents used 所用溶剂	Water 水
Material 材料	100% white kidney bean extract 100% 白芸豆提取物
Shelf Life from Date of Manufacture 自制造之日起保质期	2 Years 2 年
Storage Conditions 储存条件	This material is to be stored in a tightly sealed bag/container and to be kept in a cool place away from moisture and direct sunlight. 该材料应存放在密封的袋子/容器中, 并存放在凉爽的地方, 远离潮湿和阳光直射。



Appearance 外观	Fine Powder 细粉
Colour 颜色	White to Yellowish (**) 白色至黄色 (**)
Flavour/Taste 味道/口味	Characteristic 特有的
Odour 气味	Characteristic 特有的

Do any of the parameters change in different seasons? Yes - (**) Please note the colour of this natural material could be subject to slight change due to many factors such as seasonal variations.

不同季节的参数有变化吗？

是——（**）请注意，由于季节性变化等多种因素，这种天然材料的颜色可能会略有变化。

Microbiological Test

微生物试验

Total Viable Count 总活菌数	Max 1,000 CFU/g 最大 1000 CFU/g
Yeast & Moulds 酵母和霉菌	Max 50 CFU/g 最高 50 cfu / g
E. coli 大肠杆菌	Negative/ 0.92 MPN/g 阴性/ 0.92 MPN/g
Salmonella 沙门氏菌	Negative 阴性
Staphylococcus 金黄色葡萄球菌	Negative 阴性

Heavy Metals

重金属

Lead (Pb) 铅 (Pb)	Max 0.5mg/kg 最高 0.5mg/kg
Mercury (Hg) 汞 (Hg)	Max 0.5mg/kg 最高 0.5mg/kg
Arsenic (As) 砷 (As)	Max 0.5mg/kg 最大 0.5mg/kg

Please note that surveillance testing may mean that not all the parameters stated on this specification are tested for every batch.

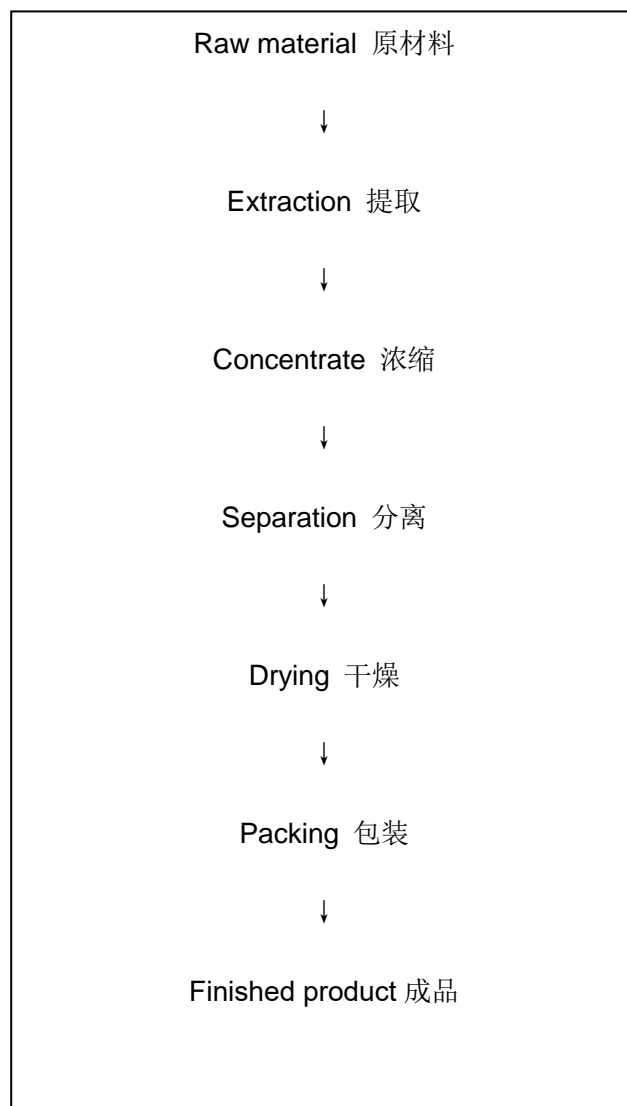
请注意，监督测试可能意味着并非本规范中规定的所有参数都针对每一批次都进行了测试。

ALLERGENS 过敏原	Product Contains YES/NO 产品包含是/否	If YES, Please Comment 如果是，请陈述
Peanuts and Peanut Derivatives (including possible cross contamination) 花生和花生衍生物（包括可能的交叉污染）	NO/否	
Other Nut and Nut Derivatives Almond (Amygdalus communis L.), Hazelnut(Corylus avellana), Walnut (Juglans regia), Cashew (Anacardium occidentale), Pecan nut (Carya illinoensis (Wangenh.) K. Koch), Brazil nut (Bertholletia excelsa), Pistachio nut (Pistacia vera), Macadamia nut and Queensland nut (Macadamia ternifolia) 其他坚果和坚果衍生物杏仁 (Amygdalus communis L.), 榛子 (Corylus avellana), 核桃 (Juglans regia), 腰果 (Anacardium occidentale), 山核桃 (Carya illinoensis (Wangenh.) K.Koch), 巴西坚果 (Bertholletia excelsa), 开心果 (Pistacia vera), 澳洲坚果和昆士兰坚果 (Macadamia ternifolia)	NO/否	
Sesame Seeds and Sesame Seed Derivatives 芝麻种子和芝麻种子衍生物	NO/否	
Other Seeds and Seed Derivatives (Poppy Seeds, Cotton Seeds, Sunflower Seeds)其他种子和种子衍生物（罂粟种子，棉花种子，向日葵种子）	NO/否	
Milk and Milk Derivatives (including lactose)牛奶和牛奶衍生物（包括乳糖）	NO/否	
Egg and Egg Derivatives 蛋和蛋衍生物	NO/否	
Cereals and Derivatives containing OR POTENTIALLY CONTAMINATED WITH Gluten (wheat, wheatgrass, faro, freekeh, spelt, kamut, rye, oats, barley, barley grass)含有或可能被麸质污染的谷类和衍生物（小麦、麦草、法罗、青麦、斯佩耳特小麦、卡姆小麦、黑麦、燕麦、大麦、大麦草）	NO/否	
Soya and Soya Derivatives 大豆和大豆衍生物	NO/否	
Lupin and Lupin Derivatives 羽扇豆和羽扇豆衍生物	NO/否	
Mustard and Mustard Derivatives 芥末和芥末衍生物	NO/否	
Celery or Celery Derivatives (including Celeriac)芹菜或芹菜衍生物（包括芹菜）	NO/否	
Fish and Fish Derivatives 鱼和鱼衍生物	NO/否	
Molluscs and their Derivatives 软体动物及其衍生物	NO/否	
Crustaceans and their Derivatives 甲壳类动物及其衍生物	NO/否	
NO Sulphur Dioxide and Sulphites (E220, E228) at levels > 10mg/kg or 10mg/litre 无二氧化硫和亚硫酸盐（E220, E228），含量> 10 mg/kg 或 10mg/L	NO/否	

ADDITIVES / CONTAMINANTS / DIETARY REQUIREMENTS 添加剂/污染物/膳食要求	Product Contains YES/NO 产品包含是/否	If YES, Please Comment 如果是，请陈述
Additives 添加剂	NO/否	
Antioxidants 抗氧化剂	NO/否	
Ethylene Oxide 环氧乙烷	NO/否	
Gelatine 明胶	NO/否	
Flavourings (Artificial / Nature Identical / Natural / Smoked) 调味品（人造/等同天然/天然/熏制）	NO/否	
Maize / Corn and any Derivatives 玉米/玉米及其衍生物	NO/否	
Vegetable and Vegetable Derivatives 蔬菜和蔬菜衍生物	YES/是	Phaseolus vulgaris L 菜豆属
Legumes / Pulses 豆类/豆类	NO/否	
Rice and Rice Derivatives 大米和大米衍生物	NO/否	
Added Salt 加盐	NO/否	
Added Sugar / artificial or natural sweeteners 添加糖/人造或天然甜味剂	NO/否	
Aspartame 阿斯巴甜	NO/否	
BHA / BHT (E320 / E321)	NO/否	
Caffeine 咖啡因	NO/否	
Colours (Artificial / Nature Identical / Natural / Smoked) 颜色（人造/等同天然/天然/熏制）	NO/否	
Dextrose 葡萄糖	NO/否	
Dioxins 二恶英	NO/否	
MSG (Added and Naturally Occurring E621) or Glutamates (E620 to E625) 味精（添加并自然发生 E621）或谷氨酸（E620 至 E625）	NO/否	
Nucleotides (E627, E630, E631, E635) 核苷酸（E627, E630, E631, E635）	NO/否	
Polyols (sugar alcohols) 多元醇（糖醇）	NO/否	
Benzoates (E210 / E219) 苯甲酸盐(E210 / E219)	NO/否	
Sorbic Acid (E200, E203) 山梨酸钾 (E200, E203)	NO/否	
Any other Preservatives 其他防腐剂	NO/否	
Honey 蜂蜜	NO/否	
Lactose 乳糖	NO/否	
Yeast and Yeast Derivatives 酵母和酵母衍生物	NO/否	
All Animal Products (Beef, Pork, Poultry or other) and Derivatives (which may include growth/yield hormones, antibiotics etc.) 所有动物产品（牛肉、猪肉、家禽或其他）和衍生物（可能包括生长/产量激素、抗生素等）	NO/否	
Bovine Products or Derivatives (which may include growth/yield hormones, antibiotics etc.) 牛产品或衍生物（可能包括生长/产量激素、抗生素等）	NO/否	

PRODUCTION FLOW CHART

产品流程图





MATERIAL SAFETY DATA SHEET

材料安全数据表

1. Identification of the substance/preparation 物质和制剂的标识

Product name 产品名称	White Kidney Bean Extract 白芸豆提取物
Company 公司名称	Yunnan TBH Biotech & Natural Resources Exploitation Co.,Ltd. 云南天保桦生物资源开发有限公司
Tel	0871-63193127
Email	concal@163.com

2. Ingredients/Identity Information 组成成分信息

Components 成分	% in Product 占比	CAS number 化学文摘号	Formula 配方	EINECS Number 欧洲商业化学物质名录号
White Kidney Bean Extract 白芸豆提取物	100%	N/A 无	N/A 无	N/A 无

3. Possible Hazards 可能存在的在危害

Potential Health Effects 潜在健康危害	
Eyes 眼睛	Dust can cause eye irritation. Symptoms may include stinging, tearing, redness and swelling of the eyes 灰尘会引起眼睛刺激。症状可能包括眼睛刺痛，流泪，发红和肿胀。
Skin 皮肤	May cause skin irritation. Symptoms may include redness, burning and swelling of the skin 可能会引起皮肤刺激。症状可能包括皮肤发红，灼热和肿胀
Swallowing 吞咽	Swallowing this material is not likely to be harmful 吞咽这种材料不太可能有害
Inhalation 吸入	This material is a dust or may produce dust. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful 这种材料是灰尘或可能产生灰尘。在正常处理过程中呼吸少量此类物质不太可能造成有害影响。大量呼吸可能有害
Symptoms of Exposure 接触症状	Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: mouth and throat irritation (soreness, dry or scratchy feeling cough) 通过呼吸，吞咽和/或材料通过皮肤接触这种物质的迹象和症状可能包括：口腔和喉咙刺激（疼痛，干燥或沙哑感咳嗽）
Cancer Information 癌症信息	There is no information available. The chance of this material causing cancer is unknown. This material is not listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration

	没有可用的信息。这种物质导致癌症的可能性尚不清楚。 该材料未被国际癌症研究机构，国家毒理学计划或职业安全与健康管理局列为致癌物质
Developmental Information 发展信息	There are no data available for assessing risk to the foetus from maternal exposure to this material 没有数据可用于评估母体暴露于此材料对胎儿的风险
Other Health Effects 其他健康影响	<p>This material can form dust which may cause skin or mucous membrane irritation. Symptoms may include redness, burning and swelling. Although they may cause respiratory tract irritation, nuisance dusts do not form scar tissue or effect the structure of air spaces in the lungs. Their effects on the tissues are potentially reversible.</p> <p>这种物质会形成灰尘，可能导致皮肤或粘膜刺激。症状可能包括发红，灼热和肿胀。尽管它们可能引起呼吸道刺激，但是滋扰性粉尘不会形成影响肺部空气空间结构的瘢痕组织。它们对组织的影响可能是可逆的。</p>

4. Emergency and First Aid Procedures 紧急和急救程序

Eyes 眼睛	<p>If symptoms develop, immediately move individual away from exposure and into fresh air.</p> <p>Flush eyes gently with water for at least 15 minutes while holding eyelids apart: Seek immediate medical attention.</p> <p>如果症状发展，立即将个人带离暴露环境并带到新鲜空气环境下。用水轻轻冲洗眼睛至少 15 分钟，同时保持眼睑分开，随后立即就医。</p>
Skin 皮肤	<p>Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.</p> <p>脱掉污染的衣服。用肥皂和水清洗暴露的区域。如果症状持续，请就医。衣服再使用前先清洗。</p>
Swallowing 吞咽	<p>First aid is not normally required. If symptoms develop, seek medical attention</p> <p>通常不需要急救。如果出现症状，请就医。</p>
Inhalation 吸入	<p>If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist seek medical attention. If breathing is difficult administer oxygen. Keep person warm and quiet: Seek immediate medical attention</p> <p>如果出现症状，请将个人带离并进入新鲜空气环境 如果症状持续，请就医。如果出现呼吸困难的情况，则给予氧气，同时保持温暖和安静，并立即寻求医疗救助。</p>

5. Fire and Hazard Data 火灾和危险数据

Explosive Limit 爆炸极限	Not applicable 不适用
Flash Point 燃点	Not applicable 不适用
Auto ignition Temperature 自燃点	No data 无数据
Extinguishing Media 灭火剂	Regular foam, water fog, carbon dioxide, sand 常规泡沫, 水雾, 二氧化碳, 沙子
NFPA Rating 美国国家防火协会评级	Health – 1. Flammability – 0. Reactivity – 0 卫生-1 易燃性-0 反应级别-0

6. Accidental Release Measures 意外泄露应急处理

Small Spill 少量泄露	Sweep up material for disposal or recovery 清理材料以便处理或回收
Large Spill 大量泄漏	Shovel material into containers. Thoroughly sweep area of spill. to clean up any residual material 将材料铲入容器中。彻底扫除溢出区域。清理任何残留物质

7.Storage 存储

Storage 储存	Store in a cool dry place 储存在阴凉干燥处
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8. Control Methods/Personal Protection 个人防护与控制措施

Eye Protection 眼部保护	Wear safety glasses in compliance with OSHA regulations. 戴安全眼镜符合 OSHA 规定。
Skin Protection 皮肤防护	Wear resistant gloves such as latex 耐磨手套, 如乳胶。
Exposure Guidelines 暴露指南	No exposure limits established 没有确定暴露限值。

9. Physical and Chemical Properties 物理和化学特性

Physical state 物理状态	Fine powder 粉末
Colour 颜色	White to Yellowish 白色至微黄色
Odour 气味	Characteristic 特有的气味
Sieve Analysis 筛分分析	95% pass through 100 mesh 95%通过 100 目

10. Stability and Reactivity 稳定性和反应性

Hazardous Polymerisation 有害聚合反应	Product will not undergo hazardous polymerisation 产品不会发生危险的聚合反应
Hazardous Decomposition 危险分解物	No data 无数据
Chemical Stability 化学稳定性	Stable 稳定
Incompatibility 配伍禁忌	No data 无数据

11. Toxicological Information 毒理学资料

LD50	> 3000 mg/kg BW
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12. Ecological Information 生态信息

Eco-toxicity 生态毒性	No Data Available 尚无资料
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13. Disposal Considerations 废弃物处置

Dispose of with other normal solid waste 与其他正常固体废物一起处理
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14. Transport Information 运输资料

Transport classification 运输分类	Not classified as dangerous for any mode of UK or International transport. 对于任何英国或国际运输方式，未被列为危险品。
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15. Regulatory Information 法规信息

European Regulation 欧洲法规	This product is not classified according to the EU regulations. 本产品未根据欧盟法规进行分类。
Reviews Standards and Regulations 评论，标准和法规	Health & Safety at work act 1974. COSHH Regulations (1994). EH40 Occupational exposure limits. 1974 年“健康与安全工作法”。COSHH 条例（1994 年）。EH40 职业接触限值。
US Federal Regulations 美国联邦法规	Not known 未提及。

16. Other Information 其他信息

This advice is given by TBHBio who accepts no legal liability for it. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.

此建议由 TBHBio 公司提供，但是 TBHBio 公司不承担任何法律责任。此处包含的信息基于我们目前的知识状态，旨在从安全要求的角度描述我们的产品。因此，不应将这份资料解释为保证特定属性。



Individuals working with chemicals should consider all chemicals to be potentially hazardous even if their individual hazards may be uncharacterised or unknown. This Information provided in this document is subject to change and the batch specific Certificate of Analysis should always be referenced.

使用化学品的个人应该将所有化学品是为具有潜在的危險,即使他們的危害可能沒有特征或未知。本文档中提供的信息可能会发生变化,应始终引用那个批次对应的分析证书。

To be used as per local legislation.

根据当地法律使用。

营养成分表
NUTRITION INFORMATION

项目 NUTRITIONS	单位/ UNITES	数值 PER 100G
能量 ENERGY	KJ/100g	1644.21
蛋白质 PROTEIN	g/100g	76.6
脂肪 FAT	g/100g	0.5
碳水化合物 CARBOHYDRATES	g/100g	19.03
钠 SODIUM	mg/100g	23.56

No Allergens in White Kidney Bean Extract Statement

No.: 81-2019-03

To Whom It May Concern,

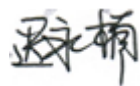
The statement about no allergens in the white kidney bean extract produced by our company are as follows:
According to GB 7718 "National Standards of the People's Republic of China National Food Safety Standards for Prepackaged Food Labels" 4.4.3 The sensitizing substances to be labeled are as follows:

- a) Wheat bran-containing cereals and the manufactured products (eg wheat, rye, barley, oats, spelt or their hybrid)
- b) crustaceans and the manufactured products (such as shrimp, lobster, crab, etc.)
- c) fish and the manufactured products
- d) eggs and the manufactured products
- e) Peanuts and the manufactured products
- f) Soybean and the manufactured products
- g) milk and dairy the manufactured products (including lactose)
- h) nuts and the manufactured products

The white kidney bean extract produced by our company uses white kidney beans as raw materials, and does not add any of the above-mentioned substances. The white kidney beans we use is according to LST 3113, "China Good Cereals and mixed Beans", mixed beans refer to grain beans other than soybeans. Mixed beans mainly include: broad beans, peas, adzuki beans, mung beans, cowpeas, lentils, cowpeas, and chickpeas. Therefore, the white kidney bean extract produced and sold by our company does not contain allergens involved in GB 7718.

Sincerely,

Director of Quality Department



Yunnan TBH Biotechnology & Natural Resource Exploitation Co.,Ltd

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P. R. China

Post Code: 650106

Non-BSE/TSE Statement For White Kidney Bean Extract

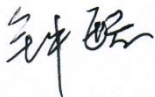
To Whom It May Concern,

White kidney bean extract is aqueous extract from the plant seed of white kidney bean. In addition, according to the process, the product does not contain any specified BSE/TSE risk animal materials.

Based on the above fact, we hereby confirm that the product is BSE/TSE free.

Sincerely

General Manager



Yunnan TBH Biotechnology & Natural Resource Exploitation Co.,Ltd

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Hai yuan Road, Kunming, Yunnan Province

P. R. China

Post Code: 650106

Non Genetically Modified Organism Statement (Non-GMO) For White Kidney Bean Extract

Product Name : White Kidney Bean Extract

Product Code : 1302199099

To Whom It May Concern,

This is to certify that the above-mentioned product does not contain, processed or produced with any raw materials using Genetically modified organisms (GMO) or their derivatives.

Sincerely,

Director of Quality Department



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