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## Specification Sheet

Product Name 产品名称	Marigold Extract 10% Lutein 万寿菊提取物	Country of Origin 原产地	P. R. China 中国
Latin Name 植物来源	<i>Tagetes erecta L.</i>	Type of Products 产品类型	Standardized Powder Extract 标准化提取物
Plant Part Used 使用部位	Flower (Dried, 100% Natural)	Extraction Solvent 提取溶剂	Grain Alcohol, Water 食用酒精, 纯净水
Herbal Strength 提取比例	Approx. 20 parts of dried flowers to 1 parts of Extracts	Active Ingredient Markers 主要活性成分	Lutein & Zeaxanthin 叶黄素, 玉米黄质

Analysis Items 分析项目	Specifications 规格	Test Methods 检测方法
Identification 鉴别	Positive	TLC
Appearance & Color 外观	Fine Orange Powder	Visual
Odor & Taste 气味与口感	Characteristic	Organoleptic
Mesh Size 粒径	NLT 95% through 80 mesh	80 Mesh Screen
Solubility 溶解性	Soluble in hydro-alcoholic solution	Visual
Assay 分析检测	<b>NLT 10% Lutein &amp; Zeaxanthin</b>	<b>HPLC</b>
Method of Extraction 提取方法	Hydro-alcoholic Extraction	/
Extract Solvent 提取溶剂	Hydro-alcoholic Solution	/
Moisture Content 水分	NMT 5%	5g / 105°C / 2hrs
Ash 灰分	NMT 5%	2g / 525°C / 3hrs
Excipient 赋形剂	None	/
Heavy Metals 重金属	NMT 10mg/kg	Atomic Absorption
Arsenic (As) 砷	NMT 2mg/kg	Atomic Absorption
Lead (Pb) 铅	NMT 1mg/kg	Atomic Absorption
Cadmium (Cd) 镉	NMT 0.3mg/kg	Atomic Absorption
Mercury (Hg) 汞	NMT 0.1mg/kg	Atomic Absorption
Total Plate Count 菌落总数	NMT 1,000cfu/g	GB 4789.2-2010
Total Yeast & Mold 霉菌和酵母菌	NMT 100cfu/g	GB 4789.15-2010
E. Coli 大肠杆菌	Negative	GB 4789.3-2010
Salmonella 沙门氏菌	Negative	GB 4789.4-2010
Staphylococcus 金黄色葡萄球菌	Negative	GB 4789.10-2010
Packing and Storage 包装与储存	Pack in paper-drums and two plastic-bags inside. Net Weight: 25kgs/drum. Store in a well-closed container away from moisture.	
Shelf Life 货架期	2 years if sealed and store away from direct sun light.	

<b>MANUFACTURER</b> 工厂/供货商	<b>Changsha Natureway Co., Ltd.</b> 长沙蓝威生物制品有限公司
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