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Xi'an Honson Biotechnology Co.,Ltd.

Certificate of Analysis

Manufacturing data

Product Type: Dry Extract

Product name (产品名称)	Ginseng Extract Powder80% 人参茎叶总皂苷		
Botanical source (植物来源)	<i>Panax ginseng</i> C.A. Mey.		
Manufacturing date (生产日期)	March. 11.2012	Used part (提取部位)	Stems & Leaves
Issue Date (报告日期)	March. 11.2012	Quantity (数量)	300kg
Batch number (批号)	HJ120111	Extract Solvent (提取溶剂)	Ethanol/Water

Quality data

Identification	Specification	Result
Appearance 外观	Yellow-white to light yellow powder 黄白至浅黄色粉末	Complies 符合规定
Odor & taste 气味、口感	Very bitter and characteristic flavor 味极苦, 有特殊气味	Complies 符合规定
Identification 鉴别	Positive 呈正反应	Complies 符合规定
Particle size 粒度	NLT 95% through 120 mesh 95%通过 120 目	Complies 符合规定
Loss on drying 干燥失重	≤5.0%	1.75%
Total ginsenosides 总皂甙含量	≥80.0% UV	80.27%
Heavy metals 重金属	<20ppm	Complies 符合规定
Residual of solvent(ethanol)溶剂残留	<0.05%	Complies 符合规定
Pesticides 农残		
BHC (α-BHC, β-BHC, γ-BHC, δ-BHC)	<10ppb	Complies 符合规定
DDT (p`p-DDE, p`p-DDT, o`p-DDT, p`p-DDD)	<10ppb	Complies 符合规定

Microbiological data

Total aerobic count 细菌总数	≤1000cfu/g	100 cfu/g
Yeast & Mold 酵母菌、霉菌	≤100cfu/g	10 cfu/g
E.Coli 大肠杆菌	None detected 不得检出	None detected 未检出
Salmonella 沙门菌	None detected 不得检出	None detected 未检出
Staphylococcus aureus 金黄色葡萄球菌	None detected 不得检出	None detected 未检出

Addition data

Storage 储存	Store in a cool dry place, avoiding sunlight directly
Retest Date 复检日期	Nov 30.2013
Shelf life 保质期	24 months under the previously mentioned conditions and in its original packaging
Package 包装	Food grade multilayer polyethylene bags,25kg in one type cardboard drum