



CERTIFICATE OF ANALYSIS

产品名称 Product Name	Honokiol	批量 Batch Size	500 kg
植物名 Botanical Latin Name	<i>Magnolia officinalis</i> Rehd. et Wils.	批号 Batch Number	TBM181212
提取溶剂 Extraction Solvent	乙醇水 Ethanol&Water	生产日期 MFG. Date	Dec.12,2018
提取部位 Plant Part	树皮 Bark	有效日期 Retest Date	Dec..12,2020
产地 Country of Origin	China	报告日期 Issue Date	Dec..19,2018
项目 ITEM	规格 SPECIFICATION	结果 RESULT	方法 TEST METHOD
物理描述 Physical Description			
外观 Appearance	white Powder	Conforms	Visual
气味 Odor	Characteristic	Conforms	Organoleptic
味道 Taste	Characteristic	Conforms	Olfactory
堆积密度 Bulk Density	50-60g/100ml	55g/100ml	CP2015
粒径 Particle size	95%-99%% through 80 mesh;	Conforms	CP2015
化学检测 Chemical Tests			
和厚朴酚 Honokiol Content	≥98%	98.15%	HPLC
干燥失重 Loss on drying	≤1.0%	0.45%	CP2015 (105 °C, 3 h)
灰分 Ash	≤1.0 %	0.35%	CP2015
总重金属 Total Heavy Metals	≤10 ppm	Conforms	CP2015
镉 Cadmium (Cd)	≤1 ppm	Conforms	CP2015(AAS)
汞 Mercury (Hg)	≤1 ppm	Conforms	CP2015(AAS)
铅 Lead (Pb)	≤2 ppm	Conforms	CP2015(AAS)
砷 Arsenic (As)	≤2ppm	Conforms	CP2015(AAS)
微生物控制 Microbiology Control			
细菌 Aerobic bacterial count	≤1,000 cfu/g	Conforms	CP2015
酵母和霉菌 Total Yeast & Mold	≤100 cfu/g	Conforms	CP2015
大肠杆菌 Escherichia coli	Negative	Conforms	CP2015
沙门氏菌 Salmonella	Negative	Conforms	CP2015
金黄色葡萄球菌 Staphlococcus Aureus	Negative	Conforms	CP2015
Conclusion	Conforms to specification		

Storage: Store in tightly sealed and preferably full containers in cool, dry and ventilated area.

Shelf Life: 24 months when properly stored. **Status:** Natural; Non-Irradiation.

