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PRODUCT SPECIFICATIONS

Product Name/产品名称	Berberis Extract	Botanical Name/植物学名	<i>Berberis aristata</i>
Extract Solvent/提取溶剂	Water	Part Used/提取部位	Bark
Shelf Life/保质期	2 Years	Extract Ratio/提取比例	85:1
Carrier %/辅料	No Carrier	Country of Origin/原产地	China

Characters/性状	Reference/检测方法	Standard/标准
Appearance/外观	Visual	Yellow Crystalline Powder
Odour/气味	Organoleptic	Characteristic
Taste/滋味	Organoleptic	Characteristic

Assay/含量	Reference/检测方法	Standard/标准
Berberine Hydrochloride/ 盐酸小檗碱	<CP2015>	Min. 97%

Tests/检测项目	Reference/检测方法	Standard/标准
Particle Size/细度	60 mesh screen	Min. 95% pass 60 mesh
Bulk Density/堆积密度	CP<2015>	0.35g/ml~0.45g/ml
Loss of Drying/干燥失重	5g/105°C/2hrs	Max. 12%
Ash Content/灰分	2g/525°C/3hrs	Max. 2%
Heavy Metals/重金属	AAS	Max. 10 ppm
Lead/铅	AAS	Max. 3 ppm
Arsenic/砷	AAS	Max. 1 ppm
Cadmium/镉	AAS	Max. 1 ppm
Mercury/汞	AAS	Max. 0.1ppm
*Pesticide Residue/农药残留	Third-Lab Test	Meet EC396/2005
*Benzopyrene/苯并芘	Third-Lab Test	Max. 10ppb
*PAH(4)/多环芳烃	Third-Lab Test	Max. 50ppb
Total Aerobic/总菌落	CP<2015>	Max. 1000 cfu/g
Mold and Yeast/霉菌酵母菌	CP<2015>	Max. 100 cfu/g
E. Coli/大肠杆菌	CP<2015>	Negative
Salmonella/25g/沙门氏菌	CP<2015>	Negative

Storage/存储	Store in cool, dry, enclosed, clean storage areas. Away from strong direct light.
Packing/包装	Packed in paper-drums with two food grade plastic-bags inside, Net Weight: 25Kg/Drum.

Statements/声明
Non-Irradiated, Non-ETO, Non-GMO, Non-Allergen
As a natural product, there may be color variations from lot to lot due to crop fluctuations from harvest.
The item marked with * is tested at a set frequency based on risk assessment.

