



# Hangzhou Mobel Biotechnology Co.,Ltd

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## Certification of Analysis

### 产品分析证明书

产品名称: $\alpha$ -熊果苷 Product Name: $\alpha$ -arbutin	数量: 200kgs Quantity:	批号: J21901131E5 Batch No:
生产日期: 2019-01-13 Production date:	取样日期: 2019-01-13 Sampling date:	报告日期: 2019-01-18 Report date:
参照标准: Q/AHH012 Reference standard: Q/AHH012	包装: 1kg/袋 Package:	有效期: 2021-01-12 Expiry date:
项目 Item	标准 Standard	分析结果 Test Results
外观 Appearance	白色或类白色粉末 White or off-white powder	白色粉末 White powder
pH pH Value	5.0~7.0	6.44
熔点, °C Melting point, °C	202~210	204.9-205.3
比旋光度 $[\alpha]_D^{20}$ , ° Specific optical rotation $[\alpha]_D^{20}$ , °	+175.0 ~ +185.0	+179.38
干燥失重, % Loss on drying, %	≤ 1.0	0.19
透光率, % Transmittance, %	≥ 95.0	98.3
对苯二酚 (HPLC), ppm Hydroquinone (HPLC), ppm	≤ 10	<10
重金属, ppm Heavy metals, ppm	≤ 10	<10
砷 (以 As 计), ppm Arsenic(as As), ppm	≤ 2	<2
灼烧残渣, % Residue on ignition, %	≤ 0.5	0.05
含量 (HPLC), % Assay (HPLC), %	≥ 99.5	99.99
菌落总数, cfu/g Total plate count, cfu/g	≤ 1000	20
酵母和霉菌, cfu/g Yeast & mold, cfu/g	≤ 100	<100
大肠埃希菌 E.Coli	不得检出 Not detectable	未检出 Not detected



金黄色葡萄球菌 Staphylococcus aureus	不得检出 Not detectable	未检出 Not detected
铜绿假单胞菌 Pseudomonas aeruginosa	不得检出 Not detectable	未检出 Not detected
结论：本产品符合 Q/AHH012 标准 Conclusion: The product conforms to standard of Q/AHH012		

分析者：张燕

Analyst:

