



西安高远生化有限责任公司检验报告单

GAOYUAN Quality Certificate of Analysis of Xi'an Gaoyuan Bio-Chem Co.,Ltd .China

Product Name	α -Arbutin	CAS No.	84380-01-8
Batch No.	180602	Quantity	200kg
Mfg. Date	June 12, 2018	Expiry date	June 13, 2020
Ref Standard	According with Enterprise Standard		
Items	Standard	Results	
Organoleptic			
Appearance	White crystals or crystalline powder, IR spectrum conforms	White crystalline powder	
Assay	98.5%Min	98.90%	
Physical Characteristics			
Melting Point	202.0~212.0 $^{\circ}$ C	204.6~206.0 $^{\circ}$ C	
Clarity of water solution	Transparency,colorless,none suspended matters	Conforms	
Specific Rotation $[\alpha]$ D20	+174.0 $^{\circ}$ ~+186.0 $^{\circ}$	+179.9 $^{\circ}$	
Loss on drying	\leq 0.5%	0.08%	
Chemical test			
PH	5.0---7.0	5.78%	
Lead	\leq 10mg/kg	<0.1mg/kg	
Arsenic	\leq 2mg/kg	<0.1mg/kg	
Mercury	\leq 1mg/kg	<0.01mg/kg	
Hydroquinone	Negative	Conforms	
Ignition Residue	\leq 0.5%	0.02%	
Methanol	\leq 2000mg/kg	<15mg/kg	
Microbiological Tests			
Aerobic Bacterial Count	\leq 1000 CFU /g	Conforms	
Molds and Yeast Count	\leq 100CFU/g	Conforms	
Fecal Coliforms	Negative/g	Conforms	
Pseudomonas Aeruginosa	Negative/g	Conforms	
Staphylococcus Aureus	Negative/g	Conforms	
Conclusion	The items tested conform to the requirements of Enterprise Standard		
Storage	Store in a cool & dry place, Keep away from strong light and heat.		
Shelf life	Two years when properly stored.		
Quality chief	HongBing Wu	Inspector	Yongping Shi

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