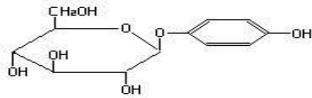


CERTIFICATE OF ANALYSIS

Product Name	Beta Arbutin		
Chemical Structure:			
CAS No	497-76-7		
Batch Number	20250109	Manufacture Date	20250109
Report Date	20250109	Expiry Date	20270108

Item	Specification	Results
Appearance	White needle crystal and powder	White needle crystal
Content of Arbutin	≥99.5% (By HPLC)	99.7%
IR characteristic peak	1515cm ⁻¹ , 1220cm ⁻¹ , 1050±(5-8)cm ⁻¹	Confirmed
Melting point	199-202°C	201°C
Loss on drying	≤0.5%	0.33%
Heavy metals	≤10 ppm	2ppm
Arsenic	≤2 ppm	Pass
Hydroquinone	≤10 ppm	2ppm
Transparency (In water)		Pass
Optical rotation	-62°----68°	-66.4
Ignition residue	≤1.0%	0.38%
Pathogen	Bacteria: <300CPU	Confirmed
	Fungus: <100CPU	
	Without Salmonella or Escherichia coli	
Conclusion	The product is up to standard	

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

