

Certificate of Analysis

Date of Testing: 2025-09-15 14:28:32

Date of Next Testing: 2029-09-14 14:28:32

Product Name: **Arbutin**

CAS Number: 497-76-7

Specifications & Purity: $\geq 98\%$

Lot #: L2101008

SKU #: **A106856**

Version: **0**

Analysis #: **572422**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	197-202 (°C)	201.76500 °C
Water by Karl Fischer	0-3 (%)	0.03 %
Purity(HPLC)	98-100 (%)	98.12000 %
Specific Rotation $[\alpha]_{20/D}(c=4 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$	-68--63 (°)	-64.09 °
Appearance (A106856)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Yellow, Clear to Slightly Hazy(50mg/ml)	pass	Pass



John Su
QA & QC Manager