

Certificate of Analysis

Date of Testing: 2022-07-20 16:11:12
Date of Next Testing: 2026-07-19 16:11:12
Product Name: **Arbutin**
CAS Number: 497-76-7
Specifications & Purity: $\geq 98\%$
Lot #: 11821007
SKU #: **A106856**
Analysis: **115511**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	197-202 (°C)	201.53000 °C
Water by Karl Fischer	0-3 (%)	0.18 %
Purity(HPLC)	98-100 (%)	99.93500 %
Specific Rotation $[\alpha]_{20/D}(c=4 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$	-68--63 (°)	-64.23 °
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