

Certificate of Analysis

Date of Testing: 2023-09-06 11:19:06

Date of Next Testing: 2027-09-05 11:19:06

Product Name: **Arbutin**

CAS Number: 497-76-7

Specifications & Purity: ≥98%

Lot #: I2301209

SKU #: **A106856**

Analysis: **078016**

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

Parameter	Limit Values	Result
Melting point	197-202 (°C)	201.51000 °C
Water by Karl Fischer	0-3 (%)	0.44 %
Purity(HPLC)	98-100 (%)	98.94800 %
Specific Rotation [α] ₂₀ /D(c=4 in H ₂ O)(calcd.on anh.substance)	-68--63 (°)	-63.16 °
Appearance (A106856)	White to Off-White Powder	White to Off-White Powder
Solubility in H ₂ O , Colorless to Yellow, Clear to Slightly Hazy(50mg/ml)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager