

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-04 13:34:01
 Date of Next Testing: 2027-03-03 13:34:01
 Product Name: **Arbutin**
 CAS Number: 497-76-7
 Specifications & Purity: Moligand™, ≥98%
 Lot #: B2324413
 SKU #: **A106856**
 Version: **0**
 Analysis #: **194479**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	197-202 (°C)	201.54000 °C
Water by Karl Fischer	0-3 (%)	0.79030 %
Purity(HPLC)	98-100 (%)	98.34900 %
Specific Rotation [α] _{20/D} (c=4 in H ₂ O)(calcd.on anh.substance)	-68--63 (°)	-64.20000 °
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