

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-03 15:36:58
 Date of Next Testing: 2029-07-02 15:36:58
 Product Name: **Arbutin**
 CAS Number: 497-76-7
 Specifications & Purity: Moligand™, ≥98%
 Lot #: F2525098
 SKU #: **A106856**
 Version: **0**
 Analysis #: **536948**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	197-202 (°C)	201.98000 °C
Water by Karl Fischer	0-3 (%)	1.70420 %
Purity(HPLC)	98-100 (%)	99.79000 %
Specific Rotation [α] _{20/D} (c=4 in H ₂ O)(calcd.on anh.substance)	-68--63 (°)	-65.99400 °
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