

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-06 11:13:10  
Date of Next Testing: 2029-09-05 11:13:10  
Product Name: **Arbutin**  
CAS Number: 497-76-7  
Specifications & Purity: Moligand™, ≥98%  
Lot #: I2501167  
SKU #: **A106856**  
Version: **0**  
Analysis #: **561188**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	197-202 (°C)	200.15000 °C
Water by Karl Fischer	0-3 (%)	2.56 %
Purity(HPLC)	98-100 (%)	99.73900 %
Specific Rotation [α] <sub>20</sub> /D(c=4 in H <sub>2</sub> O)(calcd.on anh.substance)	-68--63 (°)	-67.55 °
Appearance (A106856)	White to Off-White Powder	White to Off-White Powder
Solubility in H <sub>2</sub> 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