

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-16 15:34:11  
Date of Next Testing: 2026-12-15 15:34:11  
Product Name: **Arbutin**  
CAS Number: 497-76-7  
Specifications & Purity:  $\geq 98\%$   
Lot #: L2208318  
SKU #: **A106856**  
**Analysis:** **149247**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	0.38 %
Purity(HPLC)	98-100 (%)	99.66700 %
Melting point	197-202 (°C)	197.09000 °C
Specific Rotation $[\alpha]_{20/D}(c=4 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$	-68--63 (°)	-63.12 °
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