

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-03-06 16:55:50
Date of Next Testing:	2027-03-05 16:55:50
Product Name:	Arbutin
CAS Number:	497-76-7
Specifications & Purity:	≥98%
Lot #:	B2324409
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 [α] ₂₀ /D(c=4 in H ₂ O)(calcd.on anh.substance)	-68--63 (°)	-63.12 °
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