

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-10 09:26:24

Date of Next Testing: 2027-03-09 09:26:24

Product Name: **Arbutin**

CAS Number: 497-76-7

Specifications & Purity: Moligand™, ≥98%

Lot #: B2324412

SKU #: **A106856**

Version: **0**

Analysis #: **078016**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	197-202 (°C)	201.51000 °C
Water by Karl Fischer	0-3 (%)	0.44360 %
Purity(HPLC)	98-100 (%)	98.94800 %
Specific Rotation [α] _{20/D} (c=4 in H ₂ O)(calcd.on anh.substance)	-68--63 (°)	-63.15800 °
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