

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

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 (%)	2.56020 %
Purity(HPLC)	98-100 (%)	99.73900 %
Specific Rotation [α] _{20/D} (c=4 in H ₂ O)(calcd.on anh.substance)	-68--63 (°)	-67.54700 °
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

