

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Arbutin, 98%

ITEM NUMBER: A106856
BRAND: Aladdin
CAS NUMBER: 497-76-7
MDL NUMBER: MFCD00016915
FORMULA: C₁₂H₁₆O₇
MOLECULAR WEIGHT: 272.25

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White to Off-White Powder		
Infrared spectrometry	Conforms to Structure		
Melting point	197 ° C	202 ° C	202 ° C
Purity(HPLC)	98 %	100 %	100 %
Solubility in Water	Colorless to Yellow,Clear to Slightly Hazy(50mg/ml)		
Specific rotation [α] ₂₀ /D(C=4, H ₂ O)(calcd.on anh.substance)	+63 °	+68 °	+68 °
Water by Karl Fischer	0 %	3 %	3 %