

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-16 15:38:39
Date of Next Testing: 2028-01-15 15:38:39
Product Name: **β-Gentiobiose**
CAS Number: 554-91-6
Specifications & Purity: 85%
Lot #: E1624014
SKU #: **G120980**
Analysis: **314799**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)(Beta-anomer.The remainder is primarily alpha-an	85-100 (%)	88.63%
Specific Rotation [α] ₂₀ /D(C=2,H ₂ O,24h)	8.5-10.5 (°)	9.90000°
Appearance (G120980)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Clear to Hazy Colorless to Faint Yellow,100 mg/ml	pass	Pass



John Su
QA & QC Manager