

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-27 16:32:54  
 Date of Next Testing: 2027-06-26 16:32:54  
 Product Name: **β-Gentiobiose**  
 CAS Number: 554-91-6  
 Specifications & Purity: 85%  
 Lot #: F23131079  
 SKU #: **G120980**  
**Analysis:** **223685**  
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)(Beta-anomer.The remainder is primarily alpha-an	85-100 (%)	99.42 %
Specific Rotation [α] <sub>20</sub> /D(C=2,H <sub>2</sub> O,24h)	8.5-10.5 (°)	9.63600°
Appearance (G120980)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Clear to Hazy Colorless to Faint Yellow,100 mg/ml	pass	Pass



John Su  
QA & QC Manager