

Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs 5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146 www.gojirafc.com • sales@gojirafc.com

Specification

Beta-Gentiobiose

Catalog Number: CAS Number: Molecular Formula: Molecular Weight: Storage: Retest Period: GB1004 554-91-6 $C_{12}H_{22}O_{11}$ 342.30 15°C – 30°C Two years from the manufacture

Test	Specification
Appearance	White to off-white crystalline powder
Purity (HPLC)	≥ 98%
Purity (β-anomer, H-NMR)	≥ 85%
Identification (TLC)	To match reference
Specific Rotation (c=2, H2O)	+8.5° to +10.5°
Melting Point	180°C – 190°C
Solubility (100mg/mL)	Clear, almost colorless
Moisture (KF)	≤ 0.5%

Approved:

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