

Certificate of analysis

Product name: b-D-Gentiobiose	
CAS: 554-91-6	Product code: TG0290
Chemical formula: C ₁₂ H ₂₂ O ₁₁	Batch No.: ZT0290240901
MW: 342.3	Quantity: 250g

Item	Specification	Result
Appearance	White to off-white powder	White powder
Purity (HPLC)	>98%	99.9%
Identity (HNMR)	Conform to structure	Conforms
SOR [α] ²⁰ _D (c=2, H ₂ O, 24h)	+8.5 to +10.5°	+8.6°
Water content (KF)	<0.5%	0.20%
Conclusion: Comply with In-house standard		

Notes: Protect from light and moisture air. Store at 2-8°C.