

Certificate of Analysis

Date of Testing: 2023-05-06 15:02:15

Date of Next Testing: 2027-05-05 15:02:15

Product Name: **2-Phenylethyl β -D-thiogalactoside**

CAS Number: 63407-54-5

Specifications & Purity: 98%

Lot #: K2307059

SKU # **P120928**

Analysis: **218469**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.30400 %
Specific Rotation $[\alpha]_{20/D}$ (10 mg/ml in MeOH)	-33--27 (°)	-32.86 °
Carbon by Elemental Analysis	55.48-56.48 (%)	55.79 %
Appearance (P120928)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless and clear(50mg/ml in methanol)	pass	Pass



John Su
QA & QC Manager