

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-07 16:50:29

Date of Next Testing: 2029-01-06 16:50:29

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

CAS Number: 63407-54-5

Specifications & Purity: $\geq 98\%$

Lot #: F1305025

SKU #: **P120928**

Version: **0**

Analysis #: **458547**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.12100 %
Specific Rotation $[\alpha]_{20/D}$ (10 mg/ml in MeOH)	-33--27 (°)	-28.29800 °
Carbon by Elemental Analysis	55.48-56.48 (%)	55.51800 %
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