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Certificate of Analysis

Catalogue Number

21456

Product

Phenyl-1-thio- β -D-galactopyranoside

Lot Number

001324-16083

Ph-Thio- β -D-Gal

CAS Number

16758-34-2

Molecular Formula

C₁₂H₁₆O₅S

Molecular Weight

272.32

Appearance

White to off-white crystalline powder

Melting Point

113-116 °C

Optical Rotation

[a]_D²⁰ = -48.58° (C=0.88 in MeOH)

Infrared Spectrum

Conforms to structure

Loss on Drying

0.18%

¹H NMR

Conforms to structure

Purity by HPLC

99.64%

Storage

Store at 0-8 °C

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager