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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
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CAS Number	16758-34-2
Molecular Formula	C ₁₂ H ₁₆ O ₅ S

Molecular Weight	272.32
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Appearance	White to off-white crystalline powder
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Melting Point	113-116 °C
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Optical Rotation	[α] _D ²⁰ = -48.58° (C=0.88 in MeOH)
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Infrared Spectrum	Conforms to structure
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Loss on Drying	0.18%
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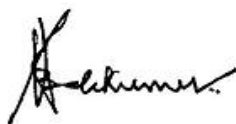
¹H NMR	Conforms to structure
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Purity by HPLC	99.64%
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Storage	Store at 0-8 °C
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Remarks	See material safety data sheet for additional information For laboratory use only
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager