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Product Specifications

Catalogue Number	00226
Product	4-Nitrophenyl-β-D-galactopyranoside
	4-Nitrophenyl- β -D-galactoside
CAS Number	3150-24-1
Molecular Formula	C ₁₂ H ₁₅ NO ₈
Molecular Weight	301.3

Appearance	White crystalline powder
Solubility	Soluble in DMF and insoluble in ether
Melting Point	176-184 °C
Heavy Metals	≤ 20 ppm
Optical Rotation	[α] _D ²⁰ = -83 to -87° (C=1 in H ₂ O)
Infrared Spectrum	Conforms to structure
Loss on Drying	≤ 0.5%
Residue On Ignition	≤ 0.5%
Purity by HPLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only