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Specification Sheet

Product Name: **IPTG (isopropyl- β -D-thiogalactopyranoside)**
Specifications & Purity: $\geq 99.0\%$, Ultra Pure Grade
SKU #: **I274316**

Parameter	Limit Values
UV Absorbance 300nm(5% in H ₂ O)	0-0.13
UV Absorbance 400nm(5% in H ₂ O)	0-0.06
Proton NMR spectrum	Conforms to Structure
Melting point	110-114 (°C)
Moisture content	0-1 (%)
PH (5%, water) 25 ° C	5-7
Purity(HPLC)	99-100 (%)
Solubility (5% in H ₂ O)	Pass
Specific Rotation [a] _D 20/D(c=1 in H ₂ O)	-34--29 (°)

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