

Product Data Sheet

IPTG

Product No. GB-CHEM-00522
Volume. 1G

Quality Profile	Specification
Appearance (Color)	White to off-White
Appearance (Form)	Water
Solubility (Conc)	49.00 - 51.00 mg/mL
Solubility (Heating)	≤ 4.0 %
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless
Water (by Karl Fischer)	0.00 - 5.00 %
NMR (Solvent)	D2O
Identity by NMR	Consistent
Purity (TLC)	≥ 99.00 %
GC (Residual Solvent)	Dioxane
GC (% Residual Solvent)	≤ 0.1000 %
Specific Rotation (Solvent)	Water
Specific Rotation (Conc)	9.00 - 11.00 mg/mL
Specific Rotation (Anhydr Corr)	-33.0 - -30.0°C

Intended Use: For research use only.

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