

Certificate of Quality

PRODUCT: IPTG
Cat. No.: BR490-10G
Lot No.:
COMPONENTS: ISOPROPYL-beta-D-THIOGALACTOPYRANOSIDE
DESCRIPTION: ULTRA PURE GRADE
CAS NO. 367-93-1
Formula C₉H₁₈O₅S
Molecular Weight 238.31

	Min	Max	Units	Disposition
Abs.@300nm (5%, Water)		0.13		PASS
Abs.@400nm (5%, Water)		0.06		PASS
Dioxane		NONE	P/F	PASS
Identification (IR)	PASS		P/F	PASS
Melting Point	110	114	Degrees C	PASS
Moisture (KF)		1.0	%	PASS
pH (5%, Water) @25C	5	7		PASS
Purity	99.0		%	PASS
Solubility (5%, Water)	PASS		P/F	PASS
Specific Rotation (1%, Water)	-34.0	-29.0	degrees	PASS

STORAGE: Store at room temperature.

CAUTION: Avoid contact with eyes, skin and clothing.
Wash all areas of contact with copious amounts of water.
For laboratory or further manufacturing use only.