

Certificate of Analysis



SCIENTIFIC

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An ISO 9001 Certified Company

IPTG (Isopropyl β -D-thiogalactopyranoside)

PRODUCT NUMBER

IB02100 _____ 1gm
IB02105 _____ 5gm
IB02125 _____ 25gm

LOT NO.

Lot# _____ 20A0150

CAS NO.

CAS# _____ 367-93-1

STORAGE

Store desiccated at -20°C. Warm to room temperature before opening. Keep tightly sealed.

SPECIFICATIONS

	Specification	Analysis	Disposition
Abs. @300nm (5%, water)	≤ 0.13	0.05	PASS
Abs. @400nm (5%, water)	≤ 0.06	0.01	PASS
Dioxane Test	PASS / FAIL	PASS	PASS
Identification (IR)	PASS / FAIL	PASS	PASS
Melting Point	110 - 114°C	112°C	PASS
Moisture (KF)	$\leq 1.0\%$	0.3%	PASS
pH (5%, water) @ 25°C	5 - 7	6	PASS
Purity	$\geq 99.0\%$	99.6%	PASS
Solubility (5%, water)	PASS / FAIL	PASS	PASS
Specific Rotation (1%, water)	-34 - -29 degrees	-31.0 degrees	PASS

DATE OF

Manufacture Date: _____ 10/01/2018

Reassay Date: _____ 10/31/2021

CERTIFICATION

We certify that this batch conforms to the specifications listed above and has been reviewed by a quality representative. This document has been electronically produced and signed by IBI SCIENTIFIC.

Toby Frericks
Quality Control

04/08/20
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.

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