

IPTG

(isopropyl- β -D-1-thiogalactopyranoside)

CERTIFICATE OF ANALYSIS

#B35, B325 IPTG (isopropyl- β -D-1-thiogalactopyranoside)

Batch Number: SAZ716774

Expiry Date: 30.05.2025

Store at: +4°C and protect from the sunlight.
After reconstitution, the IPTG should be kept at -20°C

Description: IPTG (isopropyl- β -D-1-thiogalactopyranoside) is a chemical analog of lactose, which is not hydrolysed by β -galactosidase.
It is used during the expression of recombinant protein in a Tabor-Studier as an inducer of the lac promoter.
IPTG is also used in combination with X-Gal in the screening of recombinant clones of E. coli based on the known plasmid pUC18/19 system for selecting the white/ blue colonies.

QUALITY CONTROL

Parameter	Specification	Analysis
Physical Description	White powder	Pass
Purity	≥ 98%	99.67%
Solubility	Soluble in water	Pass

Quality authorized by: Justyna Leibner-Ciszak

Date: 16.12.2019

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PRODUCT USE LIMITATION

This product of Blirt S.A. has been developed for research purposes only and it is not suitable for human and animal therapeutic or diagnostic use.

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