

# Specification

Item number: CN08

## IPTG

**≥99 %, for biochemistry**

CAS No.: 367-93-1

print date: 15.04.2024

formula:  $C_9H_{18}O_5S$

density:

storage temperature: -20 °C

molecular weight: 238,30 g/mol

### Guarantee analysis

<b>Appearance</b>	white crystalline powder
<b>Assay (HPLC)</b>	≥99 %
<b>pH-value (5 % in H<sub>2</sub>O)</b>	5.0-7.0
<b>Water (KF)</b>	≤1 %
<b>Specific rotation <math>[\alpha]_D^{20}</math> (1 % in H<sub>2</sub>O)</b>	-32.0° bis -28.0°
<b>Dioxane content</b>	not detected

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

**Dr. R. Niemand**

*Head of Quality Assurance*

**S. Lorsee**

*Head of Quality Management*

*This document is computer printout and has therefore not been signed by hand.*

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