

IPTG
Isopropyl-beta-D-thiogalactopyranoside
Molecular Biology Grade
Ref. EU0008

IPTG is a carbohydrate used to induce β -galactosidase in the selection of recombinant plasmids. It is used to induce lacZ gene expression in cloning experiments

Lot N°:

CAS N°: [367-93-1]
Formula: C₉ H₁₈ O₅ S
MW: 238.3
Melting point: 111.9 – 112.8 °C
Appearance: White crystalline powder
Assay: 100 % (HPLC)
Solution: Colorless, clear (5% in water)
S. Rotation: -33.0 ° (C=1 in water)
Water: 0.4 %_{w/w}
Heavy metals (Pb): <0.001 %
DNase activity: Not detected
RNase activity: Not detected
Protease activity: Not detected

Storage: Store below -15°C (for indefinite storage)
No adverse effect of ambient temperature for some days or in transit
Protect from light

Safety: Do not breathe dust.
Avoid contact with skin, eyes and clothing.

**Attention**

H302 Nocif en cas d'ingestion.
H312 Nocif par contact cutané.
H332 Nocif par inhalation.