



Product Insert
Tetracycline Solution

Product:
Tetracycline Hydrochloride Solution

Catalogue Number:
BIO-87030 10ml

Features

- Cost effective
- Ready-to-use solutions
- Time saving
- Stable at -20°C
- Solutions in ethanol can be used directly from the freezer
- Avoids handling of toxic or harmful substances
- No sterile filtration required

Applications

- Cell culture
- Plasmid selection
- Gene regulation

Description

Tetracycline inhibits protein synthesis by preventing the binding of aminoacyl-tRNA to the 30S ribosomal subunit. Tetracycline resistance is mediated by a protein (*tet* gene), which modifies the bacterial membrane and prevents the transport of tetracycline into the cell.

Product Specifications

Batch Details:

Batch Number: See vial

Storage Conditions:

Tetracycline Solution can be stored at -20° for 12 months. Tetracycline Solution will remain stable if stored as specified.

Shipping Conditions:

On Blue Ice

Concentration:

12.5mg/ml in 90% Ethanol

CAS Number: 64-75-5

Safety Precautions:

This product is for R&D use only, not for human use, or any other use. Flammable. Irritating to eyes, respiratory system and skin. Please refer to the material safety data sheet for information regarding hazards and safe handling practice.



Xi: IRRITANT



F: FLAMMABLE

Associated Products:

Product Name	Pack Size	Cat No
α-Select Gold Efficiency	1ml (20 x 50µl)	BIO-85027
α-Select Electrocompetent	1ml (10 x 100µl)	BIO-85028
CH ₂ -Blue Competent Cells	1ml (10 x 100µl)	BIO-85039
3' RACE Kit	20 Reactions	BIO-86032
SOC Medium	10 x 10ml	BIO-86033

Notes

1. This product insert is a declaration of analysis at the time of manufacture.
2. Research Use Only.

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