



Dodecyl sulphate sodium salt

Cell Culture Tested

Product Code: TC698

Product Description:

Molecular Formula: $C_{12}H_{25}NaO_4S$

Molecular Weight: 288.38

CAS : 151-21-3

Synonyms: Lauryl sulphate sodium salt

TC698 DODECYL SULPHATE SODIUM SALT, also known as lauryl sulfate.

It is an ionic detergent that is useful for the rapid disruption of biological membranes. It simply disrupts membrane proteins and lipids, break the nuclear pores and makes it expose its DNA inside thereby separating it from histones.

Storage and Shelf Life:

Store below 30°C.

Shelf life is 48 months.

Use before the expiry given on the product label.

Quality Control:

Appearance

White crystals or powder or solid.

Solubility

100 mg soluble in 1 mL of water gives clear to opalescent solution.

Loss on drying (at 105°C, constant weight)

NMT 1.00%

Assay (Hyamine Titration, on dry basis)

NMT 99.00%

Cell culture test

Passes

Disclaimer :

Revision : 04/2025

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