Sodium sulfate
Plant Cell Cultured Tested
Product Number S 5640
Store at Room Temperature

Product Description
Molecular Formula: Na₂SO₄
Molecular Weight: 142.0
CAS Number: 7757-82-6

This product is plant cell culture tested (0.2 mg/ml) and is appropriate for use in plant cell culture experiments.

Sodium sulfate is a reagent used in large-scale applications such as dyeing and printing textiles, and the manufacture of glass and paper pulp. It occurs in nature as the minerals miabilite and thenardite. Anhydrous sodium sulfate is frequently used in the drying of organic liquids.

Sodium sulfate has been used in protein crystallization. The effect of salts, including sodium sulfate, on the adsorption processes of proteins in hydrophobic interaction chromatography has been reported. Sodium sulfate has been used to investigate prion protein folding. A protocol for the analysis of antibody-antigen interactions by size-exclusion HPLC that incorporates sodium sulfate has been reported.

Precautions and Disclaimer
For Laboratory Use Only. Not for drug, household or other uses.

Preparation Instructions
This product is soluble in water (100 mg/ml), yielding a clear, colorless solution.

Storage/Stability
It is advised to store this product tightly closed and in a dry place.

References
1. The Merck Index, 12th ed., Entry# 8829.

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