



Product Information Sheet

S740 Sodium Dodecyl Sulfate, 10%

Synonyms: SDS, Sodium Lauryl Sulfate, SLS, Sulfuric Acid Monododecyl Ester Sodium Salt, Irium
CAS: 151-21-3
Formula: $\text{CH}_3(\text{CH}_2)_{11}\text{OSO}_3\text{Na}$
Mol. Weight: 288.38 g/mol

Properties

Form: Liquid
Appearance: Clear or slight yellowish transparent, opalescent solution.
Application: Plasmid isolation by Alkaline Lysis Method, SDS-PAGE Electrophoresis, Preparation of Laemmli Sample Buffer, Stripping of Immunoblot, Preparation of anionic detergent, surfactant
Solubility: Water
Storage Temp: Room Temperature
Stock Solution
Storage Temp: Room Temperature
Typical Working Concentration: Varies by application. Concentration should be determined by end user.
Other Notes:

Application Notes

This solution is commonly used in running buffer for SDS-PAGE to separate proteins by their molecular weight. Other uses include plasmid isolation via the Alkaline Lysis Method, immunoblot stripping, as well as usage as a detergent or surfactant.

Please Note: While *PhytoTechnology Laboratories*™ tests each lot of this product with two or more plant cell/ tissue culture lines, it is the sole responsibility of the purchaser to determine the appropriateness of this product for the specific plants that are being cultured and applications that are being used.

References

Merck Index. 14th ed. Merck: Whitehouse Station, NJ, 2001; 8710.