

# Product Specification Sheet



**Product Code** : BIO-2050  
**Identifier** : Sodium Dodecyl Sulfate (SDS)  
**Grade** : Biotechnology  
**Appearance** : White powder  
**Molecular Formula** :  $C_{12}H_{25}NaO_4S$   
**Molecular Weight** : 288.38 g/mol  
**Product Description** : -  
**Storage Condition** : Store at room temperature. Protect from moisture.

<u>Assay:</u>	<u>Specification:</u>
Purity (GC)	≥ 99.0 %
Loss on Drying	< 0.5 %
Solubility (0.1M aqueous)	Clear, colorless
Chloride	< 0.05 %
Phosphate	< 0.001 %
Heavy Metals (as Pb)	< 0.0005 %

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