

## Product Datasheet

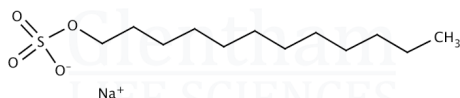
### GX5289 - Sodium dodecyl sulfate, for analysis

#### Product Details

Product Name	Sodium dodecyl sulfate, for analysis
Glenthams Code	GX5289
CAS Number	151-21-3
EINECS	205-788-1
MDL Number	MFCD00036175
Related Categories	Biochemicals, Detergents, Raw Materials (IVD), Ion-Pair Reagents, Reagents for Gel Electrophoresis of Proteins, Reagents for Western Blotting

#### Structure

Molecular Weight	: 288.38
Molecular Formula	: $C_{12}H_{25}O_4SNa$



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

CLP Classification	Aquatic Chronic 3, Skin Irr. 2, Eye Dam. 1, Acute Tox. 4, STOT SE 3, STOT SE 3, Flam. Sol. 2, Acute Tox. 4
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Signal Word

Hazard Codes

Precautionary Codes

Pictograms

UN Number, Class, PG (RID)

Danger

H412, H315, H318, H332, H335, H336, H228, H302

P273, P280, P302+P352, P210, P305+P351+P338, P261, P301+P312



UN1325 - 4.1 - PG III

#### Glenthams Product Specification

Physical Description	: White powder
Solubility (10% in water)	: Clear, colourless solution
Chloride (Cl)	: $\leq 0.01\%$
Phosphate (PO4)	: $\leq 0.0001\%$
Heavy Metals (as Pb)	: $\leq 0.0005\%$
UV Absorbance (3% in water)	: $\leq 0.1$ (220-350 nm, 1cm)
Water	: $\leq 1.0\%$
Assay (C-12)	: $\geq 98.0\%$
Assay (Titration)	: $\geq 99.0\%$
Version	: v1.0

#### About Sodium dodecyl sulfate, for analysis

Sodium dodecyl sulfate, SDS or sodium lauryl sulfate, is an anionic surfactant. As the name suggests, it is the sodium salt form of a 12-carbon tail attached to a polar sulfate head. The polar headgroup gives the compound its amphiphilic properties, making it an effective detergent in molecular biology, cosmetics, pharmaceutical research and industrial applications. GX5289 is supplied as a fine white powder.

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