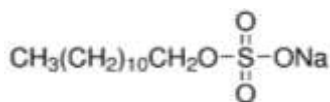


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

SODIUM LAURYL SULPHATE 99 % AR

Sodium Dodecyl Sulfate



Product Code	O-5248	Grade	Analytical Reagent
Purity	99 %	CAS No	151-21-3
Molecular Formula	C ₁₂ H ₂₅ NaO ₄ S	Molecular Weight	288,38 g/mol
H.S.Code	2920.9000	Shelf Life	60 Months

Physical Properties

Physical state	Powder, flakes	Melting point	204 - 207 °C
Colour	White	Flash point	170 °C
pH value	9,1 at 10 g/l	Vapour pressure	<= 0,00 hPa at 20 °C
Solubility in water	130 g/l at 20 °C	Density	1,03 g/cm ³ at 20 °C
Auto-ignition temperature	310,5 °C		

Packaging

100 gram

Specification

Appearance	White needles shaped crystals/powder
Assay (acidimetric, on dried basis)	min 99.0 %
Titration base	0.06 meq/g
Loss on drying (at 105°C)	max 1.0 %
Chloride (Cl)	max 0.03 %
Phosphate (PO ₄)	max 0.0001 %
Lead (Pb)	max 0.0002 %
Heavy metals (as Pb)	max 0.002 %
Unsulfated alcohols	max 4.0 %
UV absorbance of 3% aqueous solution ; 1 cm; 220 - 350 nm	max 0.1

Safety Information and Hazard Symbols



Symbol: GHS02, GHS05, GHS07

Signal Word: danger

UN No.: 1325

IMCO Class No.: 4.1

Packing Group: III

Hazardous Statement: H228-H302+H332-H315-H318-H335-H412

Precaution Statement: P210-P273-P280-P301+P312-P304+P340+P312-P305+P351+P338