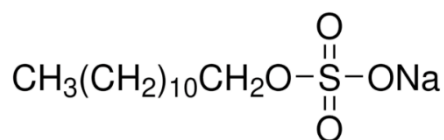


Product Specification

Product Name:

Sodium dodecyl sulfate, Electrophoresis grade, ≥ 99.0 %

Product No.: PS1921
Brand: PureSynth
CAS No.: 151-21-3
Molecular Formula: C₁₂H₂₅NaO₄S
Molecular Weight: 288.38 g/mol



Test	Specification
Appearance	White Shiny Crystalline powder
Assay	≥ 99.0 %
Solubility - Color (In H ₂ O)	Colorless to faint yellow
Solubility - Turbidity (In H ₂ O)	Clear
Chloride (Cl)	NMT 0.03 %
Heavy metals (As Pb)	NMT 2 ppm
Phosphate (PO ₄)	NMT 1 ppm
Trace impurities - Iron (Fe)	NMT 1 ppm
Absorbance at 280 nm (3 % w/v aqueous solution)	NMT 0.1
DNase activity	Not detected
RNase activity	Not detected
Suitability for use in denatured PAGE	Suitable

Specification: OT-1.0-QA/039, Ver. No. 1.2, 25.02.2023.

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com