

Certificate of Quality

Product Name: Sodium Dodecyl Sulfate
Product Number: S6010G
CAS Number: 151-21-3
Formula: C₁₂H₂₅O₄SNa
Formula Weight: 288.38 g/mol
Quality Release Date: 01-Jan-2022
Recommended Retest Date: Jan-2026
Storage Temperature: Room Temperature

Test	Specification	Result
Appearance (Color)	White to Off White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Faint Yellow	Colorless
Solubility (Turbidity)	Clear to Slightly Hazy	Very Slightly Hazy
200 mg/mL, H ₂ O		
Heavy Metals (as Lead)	<= 10 ppm	<= 10 ppm
Chloride	Pass	Pass
by Specific Ion Electrode < or = 500 ppm		
Purity (GC)	>= 99 %	99.50%
Water (by Karl Fischer)	<= 3.0 %	1%
Sodium (Na)	7.0 - 9.0 %	8.10

