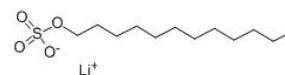


Technical Data Sheet

Lithium dodecyl sulfate

Compound Information

Product Name:	Lithium dodecyl sulfate
CAS No.:	2044-56-6
Molecular Formula:	C ₁₂ H ₂₅ LiO ₄ S
Molecular Weight:	272.33
Storage:	Store at RT
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Appearance	White to Almost white powder to crystal.
Solubility	H ₂ O: 0.1 M at 20 °C, clear, colorless
Heavy Metals	≤5 ppm
Anion	Chloride (Cl-) : ≤100 ppm
UV	UV Absorbance at 260 nm : ≥0.029 au (3% Aqueous solution), UV Absorbance at 280 nm : ≥0.016 au (3% Aqueous solution)
LOD	≤ 0.5%
Purity	≥ 99%
1H NMR	Pass test
IR	Pass test
Raman	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.