

## CERTIFICATE OF ANALYSIS

### 1. Basic Information

Chemical Name: Sodium Dodecyl Sulfate	CAS Number: 151-21-3
Molecular Weight: 289.39	Formula: C12H26O4S.Na
Batch Number: 2024111501	Manufacturing Date: Nov,15 <sup>th</sup> ,2024
Quantity: 1200kg	Retest Date: Nov,14 <sup>th</sup> ,2025

### 2. Physical Characteristics

Items	Standard	Result
Appearance	White Powder	White Powder
Active matter(%)	≥99.0	99.6
Fraction content(%GC)	≥99.0	99.5
Loss On Drying (%)	≤1.0	0.67
Absorbance 230mm	≤0.4	0.1
(0.1%,DIH2O) 280mm	≤0.1	0.02
Chloride (Cl-, %)	≤500PPM	98
Sodium Sulfate(%)	≤0.2	0.18
Water content(%)	≤1.0	0.8
Phosphate (ppm)	≤1.0	0.3
Pb (ppm)	≤5.0	3
DNase	Non detected	Pass
RNase	Non detected	Pass
Identifiacion	NMR Confirm	Confirmed
Electrophoresis test	Pass	Pass
Filted through 0.2um filter /0.2	Pass	Pass
Conclusion	Comply with the standards	

QC Manager: Liu Si

Checker: Hu Kai

Approved: Shao Jin