

Certificate of Analysis

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|--------------------------|-------------------------------|
| Date of Testing: | 2022-10-25 18:09:32 |
| Date of Next Testing: | 2026-10-24 18:09:32 |
| Product Name: | Sodium dodecyl sulfate |
| CAS Number: | 151-21-3 |
| Specifications & Purity: | Ultra pure, ≥99.0% (GC) |
| Lot #: | J2222488 |
| SKU # | S108349 |
| Version | 1 |
| Analysis #: | 135740 |
| Storage Temperature: | Argon charged, Desiccated |

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| PH (1%; Water , 20°C) | 6-9 | 7.32 |
| Loss on drying(hv, 20-25°C) | 0-0.5 (%) | 0.16 % |
| UV Absorbance 280nm(1cm/0.1M,H2O) | 0-0.05 | 0.02 |
| UV Absorbance 260nm(1 cm/0.1 M in H2O) | 0-0.08 | 0.03 |
| Water by Karl Fischer | 0-0.05 (%) | 0.03 % |
| Carbon by Elemental Analysis | 49.3-50.7 (%) | 49.63 % |
| Phosphate(PO4) | 0-0.0001 (%) | 0.00 % |
| (Pb)Lead | 0-0.0001 (%) | 0.00 % |
| Sodium(Na) | 7.1-9 (%) | 8.98 % |
| Purity(GC) | 99-100 (%) | 99.01 % |
| Appearance (S108349) | white powder or solid | white powder or solid |
| Insoluble matter | pass | Pass |
| Solubility(0.1m in water) | Clear colorless | Clear Colorless |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager