

**neoFroxx GmbH**

Marie-Curie-Str. 3  
64683 Einhausen  
+49 6251 989 240  
coa@neofroxx.com  
www.neofroxx.com

## Specification

| Product                  | SDS for biochemistry                                                         |
|--------------------------|------------------------------------------------------------------------------|
| Product number           | 3250                                                                         |
| Synonyms                 | Dodecyl sulfate sodium salt, Laurylsulfate sodium salt, Sodium laurylsulfate |
| Formula                  | $C_{12}H_{25}NaO_4S$                                                         |
| Molecular weight         | 288.38 g/mol                                                                 |
| CAS number               | 151-21-3                                                                     |
| Storage                  | below 25°C                                                                   |
| Retest period (months)   | 60                                                                           |
| Parameter                | Specification                                                                |
| Assay (titr.)            | $\geq 99.5 \%$                                                               |
| pH (10 % in water, 20°C) | 5 - 7                                                                        |
| Loss on drying           | $\leq 1 \%$                                                                  |
| Chloride (Cl)            | $\leq 0.025 \%$                                                              |
| Heavy metals (as Pb)     | $\leq 0.0005 \%$                                                             |
| Absorbance               |                                                                              |
| 260 nm                   | $\leq 0.04$                                                                  |
| 280 nm                   | $\leq 0.025$                                                                 |

Einhausen, 10.06.2024