

# Technical Datasheet

## Article No. 1347

Sodium dodecyl sulfate puriss.  
min. 98 %  $\text{NaC}_{12}\text{H}_{25}\text{SO}_4$

For laboratory use.

| Parameter                    | Value                 |
|------------------------------|-----------------------|
| Appearance                   | Colourless solid      |
| Melting point                | 204–207 °C            |
| Flash point                  | >150 °C               |
| Density                      | 1.1 g/cm <sup>3</sup> |
| Molar Mass                   | 288.38 g/mol          |
| pH (10 g/l H <sub>2</sub> O) | 6–9                   |
| Loss on drying               | max. 2 %              |
| Calcium (Ca)                 | max. 0.001 %          |
| Cadmium (Cd)                 | max. 0.0005 %         |
| Cobalt (Co)                  | max. 0.0005 %         |
| Chromium (Cr)                | max. 0.0005 %         |
| Copper (Cu)                  | max. 0.0005 %         |
| Iron (Fe)                    | max. 0.0005 %         |
| Potassium (K)                | max. 0.02 %           |
| Magnesium (Mg)               | max. 0.0005 %         |
| Manganese (Mn)               | max. 0.0005 %         |
| Nickel (Ni)                  | max. 0.0005 %         |
| Lead (Pb)                    | max. 0.0005 %         |
| Zinc (Zn)                    | max. 0.0005 %         |
| Chloride (Cl)                | max. 0.01 %           |
| Phosphate (PO <sub>4</sub> ) | max. 0.0001 %         |