

## neoFroxx GmbH

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## Specification

| Product                    | Streptomycin sulfate for biochemistry       |
|----------------------------|---|
| Product number             | 1297  |
| Formula                    | $(C_{21}H_{39}N_7O_{12})_2 \cdot 3 H_2SO_4$ |
| Molecular weight           | 1457.38 g/mol                               |
| CAS number                 | 3810-74-0                                   |
| Storage                    | below 25°C                                  |
| Retest period (months)     | 36  |
| Parameter                  | Specification                               |
| Activity                   | $\geq 720$ IU/mg                            |
| Appearance                 | white powder                                |
| pH (25 % in water, 25°C)   | 4.5 - 7                                     |
| Loss on drying             | $\leq 7$ %                                  |
| Sulfate (SO <sub>4</sub> ) | 18 - 21 %                                   |
| Residue on ignition (Ash)  | $\leq 1$ %                                  |
| Streptomycin B             | $\leq 3$ %                                  |
| Endotoxin                  | max. 0.1 I.U./mg                            |

Einhausen, 02.09.2024