

neoFroxx GmbH

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Specification

| Product | Kanamycin sulfate for biochemistry |
|------------------------|---------------------------------------|
| Product number | 1162 |
| Synonyms (revised) | Kanamycin A, Kanamycin sulfate salt |
| Formula | $C_{18}H_{36}N_4O_{11} \cdot H_2SO_4$ |
| Molecular weight | 582.58 g/mol |
| CAS number | 25389-94-0 |
| Storage | 2 - 8°C |
| Retest period (months) | 36 |

TSE/BSE declaration: We herewith confirm that this product is of non-animal origin and any animal origin raw materials are not used in the manufacturing. Therefore, it is TSE-BSE risk-free. (revised)

| Parameter | Specification |
|-----------------------------|---------------------------------------|
| Assay | ≥ 750 I.U./mg |
| Appearance | white to off-white crystalline powder |
| Specific rotation (revised) | $+112^\circ - +123^\circ$ |
| pH (1 % in water, 20°C) | 6.5 - 8.5 |
| Loss on drying (60°C) | ≤ 1.5 % |
| Kanamycin B | ≤ 4 % |

Einhausen, 28.06.2024