

Technical Information

**Kanamycin Sulphate Gamma irradiated Recommended for use in cell culture applications at 100 mg/L
Cell Culture Tested**

Product Code:TC1136G

Product Information

Product Code	: TC1136G
Product Name	: Kanamycin sulphate Recommended for use in cell culture applications at 100 mg/L, Cell Culture Tested
Synonym	: Kanamycin Sulfate salt ; Kanamycin A,
Molecular Formula	: $C_{18}H_{36}N_4O_{11} \cdot H_2SO_4$
Molecular Weight	: 582.58
CAS No.	: 25389-94-0

Technical Specification

Appearance	: White to off-white hygroscopic crystals or crystalline powder.
Solubility	: Soluble in water
pH (1% in water at 25°C)	: 6.50 - 8.50
Specific rotation (c = 1% in water at 20°C)	: +112.00° to +123.00°
Potency	: ≥ 750 IU/mg
Sulphate (SO ₄)	: 15.00 - 17.00%
Antibiotic sensitivity test	: Complies
Cell Culture Test	: Passes test

GHS Safety Information

Hazard Statement(s)	: H360
Precautionary Statement(s)	: P201-P308+P313
Signal Word	: Danger
Hazard Pictogram(s)	

GHS08

Risk And Safety Information

WGK	: 2
RTECS	: NZ3225030
Storage Temperature(°C)	: Store below 2 - 8°C

Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods

**Animal Cell
Culture Tested**



Product Specification

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Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.

Replaced Date 23-Dec-2025