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## **Product Specification**

**Product Name:** 

Kanamycin sulfate from Streptomyces kanamyceticus

powder, BioReagent, suitable for cell culture,

suitable for plant cell culture

**Product Number:** 

CAS Number:

MDL:

Formula:

Formula Weight:

LB37886

25389-94-0

MFCD00070253

C18H36N4O11 · H2O4S

582.58 g/mol

TEST Specification

Appearance (Color)

Appearance (Form)

Solubility (Color)

Solubility (Turbidity)

50 mg/ml, H2O

Infrared spectrum

Water (by Karl Fischer)

Carbon (anhydrous)

Nitrogen (anhydrous)

Cell Culture Test

Plant Cell Culture Test µg Kanamycin base/mg

Potency, dry basis

White to Off-White

Powder

Colorless to Faint Yellow

Clear

Conforms to Structure

< 4 %

35.2 - 37.8 %

9.0 - 9.9 %

Pass

Pass

<u>></u> 750

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Please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.