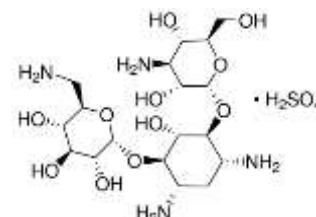


## KANAMYCIN SULPHATE AR

PRODUCT CODE	559145
SYNONYMS	Kanamycin Mono Sulphate
C.I. NO.	--
CASR NO.	(25389-94-0)
ATOMIC OR MOLECULAR FORMULA	$C_{18}H_{36}N_4O_{11} \cdot H_2SO_4$
ATOMIC OR MOLECULAR WEIGHT	582.6
PROPERTIES	Odourless, decomposes a wide range above 250°C



### PARAMETER

Description	White to off-white hygroscopic crystals or crystalline powder.
Solubility	Soluble in water.
Assay	95.0-105.0%
Potency	≥ 750 IU/mg
pH (1% in water at 25°C)	6.5-8.5
Specific rotation (c = 1% in water at 20°C)	+112.00° to +123.00°

### MAXIMUM LIMIT OF IMPURITIES

Loss on drying	1.5%
Sulphate (SO <sub>4</sub> )	15.00 - 17.00%

**Note(s):** Assay (if applicable) method mentioned.

### DANGER

**Hazard statement :** May damage unborn child.

### Precautionary statements

**Prevention:** Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Obtain special instructions before use.

**Response:** If exposed or concerned: Get medical attention advice.

**Disposal:-** Dispose of contents and container in accordance with relevant legislation.

IMDG Code :

UN No. :

IATA :

**Hazard Pictogram(s) :**



GHS08

Replace Date 23-Dec-2025