

PRODUCT SPECIFICATION

Product : **Neomycin Sulphate**

Characters : Appearance – white or yellowish-white powder,
hygroscopic.
Solubility – very soluble in water, very slightly
Soluble in alcohol, practically insoluble in acetone.

Identification : A (1) The retention time of a major peak meets the
the requirements. (2) Impurity C: conform.
B Positive

pH : 5.0 – 7.5

Specific optical rotation : +53.5° - +59.0°

Related substances : Impurity A: NMT 2.0 %
Impurity C: 3 – 15 %
Any other impurity: NMT 5 %
Total of other impurities: NMT 15 %

Sulfate (anhydrous) : 27.0 – 31.0 %

Loss on drying : NMT 8.0 %

Sulfated ash : NMT 1.0 %

Potency : NLT 680 IU/mg (dried substance)

MSDS : available upon request