

Specification

Technical Data Sheet

Product Name	Dihydrostreptomycin sesquisulfate
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Product No	12129709
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CAS Number	5490-27-7
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Storage Temperature	2 to 8 °C
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Molecular Weight	730.71
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Specification

Appearance	Free-flowing white powder
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Bacterial endotoxin	≤ 0.50 IU/mg
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Heavy metals	≤ 20ppm
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Loss on Drying	≤ 5.0%
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pH	5.0 - 7.0
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Assay (HPLC)	94 - 102%
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Methanol	≤ 0.2%
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Specification

Potency \geq 730 IU/mg (dried basis))

Solubility Soluble in water

Specific optical rotation -83 to -91

Streptomycin sulfate \leq 1.0%

Sulfate 18 - 21.5%

Sulfated ash \leq 1.0%

Manufacture date DD/MM/YYYY
