



Peaks:

1. Impurity
2. Streptomycin
3. Impurity

Method Conditions

Column: Cogent Diamond Hydride™, 4µm, 100A

Catalog No.: 70000-7.5P

Dimensions: 4.6 x 75mm

Mobile Phase:

A: DI Water / 0.1% Trifluoroacetic Acid (v/v)

B: Acetonitrile/ 0.1% Trifluoroacetic Acid (v/v)

Gradient:

Time (minutes)	%B
0	95
1	95
6	40
7	95

Post Time: 3 minutes

Injection Vol.: 1µL

Flow Rate: 1.0mL / minute

Detection: UV @ 205nm

Sample Preparation: 1.0mg / mL Streptomycin Sulfate reference standard in Solvent A diluent.

t₀: 0.9 minutes

Note: Streptomycin is an aminoglycoside antibiotic derived from the Actinobacterium *Streptomyces Griseus*. Streptomycin was isolated in 1943 and was the first antibiotic to treat tuberculosis.



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