

Method Conditions:

Column: Cogent Amide™, 4 µm, 100 Å

Catalog No.: 40036-15D

Dimensions: 4.6 x 150 mm

Mobile Phase:

A: DI Water / 0.1% Triethylamine (TEA) (v/v)

B: Acetonitrile / 0.1% Triethylamine (TEA) (v/v)

Gradient:

Time (minutes)	%B
0	90
1	90
10	70
11	90
15	END

Flow Rate: 1.0 mL / minute

Detection: ELSD with a Gain 8, Temp 50C, Nitrogen: 3.5lb

Injection Volume: 2 µL

Sample Preparation: Separate stock solutions of glucose 3.6 mg / mL and Vancomycin 2.3 mg / mL were prepared. A working standard was prepared by mixing 200 µL of each stock solution with 600 µL of diluent 50:50 acetonitrile / DI water containing 0.1% TEA, v/v, resulting in final concentrations of 0.72 mg / mL glucose and 0.46 mg / mL Vancomycin.

Note: Vancomycin is a glycopeptide antibiotic used to treat serious Gram-positive infections and is frequently formulated for intravenous administration in dextrose-containing solutions.



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