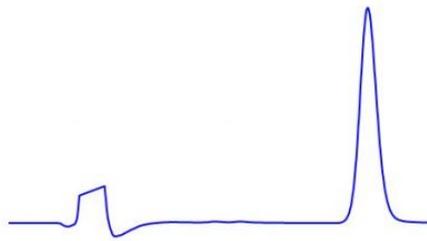
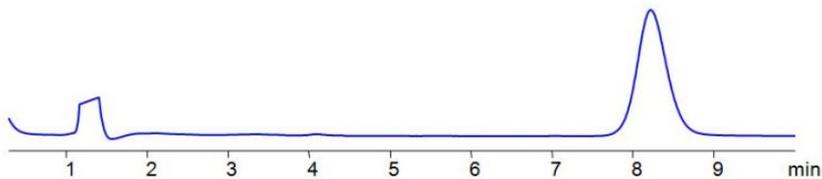


HPLC Method for Analysis of Ammonium Picrate on Obelisc N Column



Column: Obelisc N
Size: 2.1 x 100 mm
Mobile phase: MeCN 60% with 5 mM AmAc pH 4.0
Detection: UV 250 nm
Injection: 50 μ L

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SIELC has developed the Obelisc™ columns, which are mixed-mode and utilize Liquid Separation Cell technology (LiSC™). These cost-effective columns are the first of their kind to be commercially available and can replace multiple HPLC columns, including reversed-phase (RP), AQ-type reversed-phase, polar-embedded group RP columns, normal-phase, cation-exchange, anion-exchange, ion-exclusion, and HILIC (Hydrophilic Interaction Liquid Chromatography) columns. By controlling just three orthogonal method parameters - buffer concentration, buffer pH, and organic modifier concentration - users can adjust the column properties with pinpoint precision to separate complex mixtures.

Method Parameters

Column	Obelisc N, 2.1x100 mm, 5 μ m, 100 Å
Mobile Phase	MeCN/H ₂ O – 50/50%
Buffer	AmAc pH 4.0- 5 mM
Flow Rate	1.0 mL/min
Detection	UV, 250 nm

Quelle: <https://sielc.com/hplc-method-for-analysis-of-ammonium-picrate-on-obelisc-n-column>