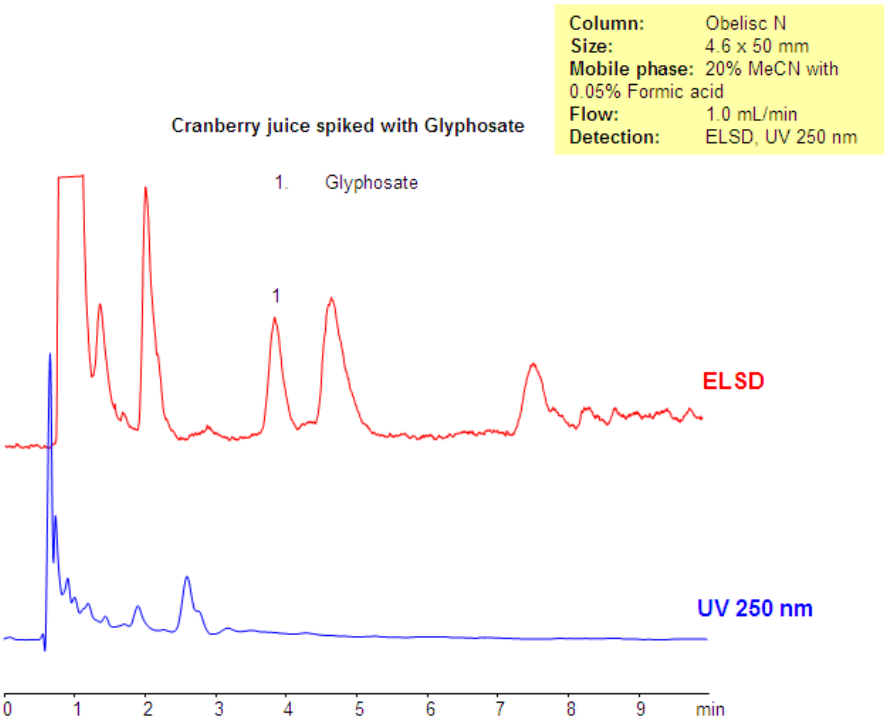
Method for Analysis of Glyphosate in Cranberry Juice



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, 4.6×50 mm, 5 µm, 100 Å
Mobile Phase	MeCN/H2O – 20/80%
Buffer	Formic acid – 0.05%
Flow Rate	1.0 mL/min
Detection	UV, 250 nm, ELSD

Quelle: https://sielc.com/Method_For_Analysis_of_Glyphosate_in_Cranberry_Juice