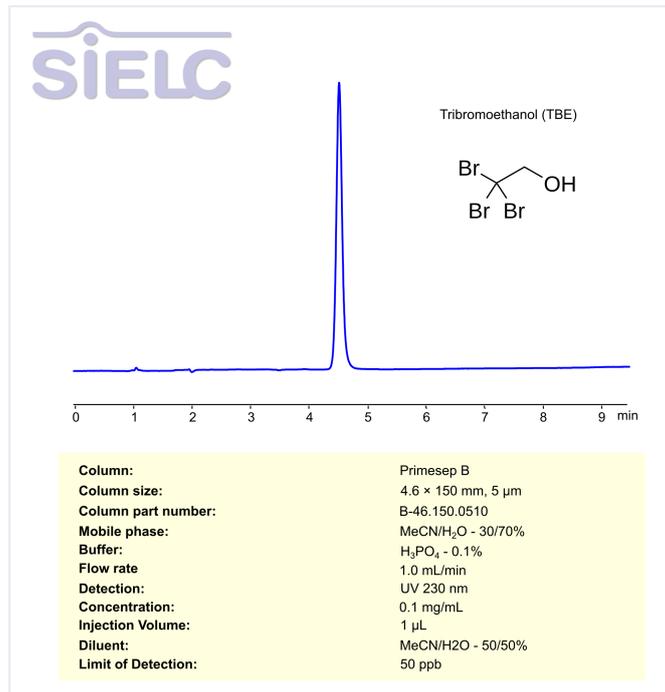


HPLC Method for Analysis of Tribromoethanol (TBE) on Primesep B Column



Tribromoethanol (TBE) is a chemical compound with the molecular formula C₂H₃Br₃O. It is a halogenated alcohol commonly used as an anesthetic agent in laboratory animals, particularly rodents.

Tribromoethanol (TBE) can be retained, and analyzed using a Primesep B mix mode stationary phase column. The analysis utilizes a isocratic method with a simple mobile phase consisting of water, acetonitrile (MeCN), and phosphoric acid as a buffer. Detection is carried out using UV.

Method Parameters

Column	Primesep B, 4.6 x 150 mm, 5 µm, 100 Å, dual ended
Mobile Phase	MeCN/H ₂ O – 30/70%
Buffer	H ₃ PO ₄ – 0.1%
Flow Rate	1.0 mL/min
Detection	UV 230 nm

Quelle: <https://sielc.com/hplc-determination-of-tribromoethanol>