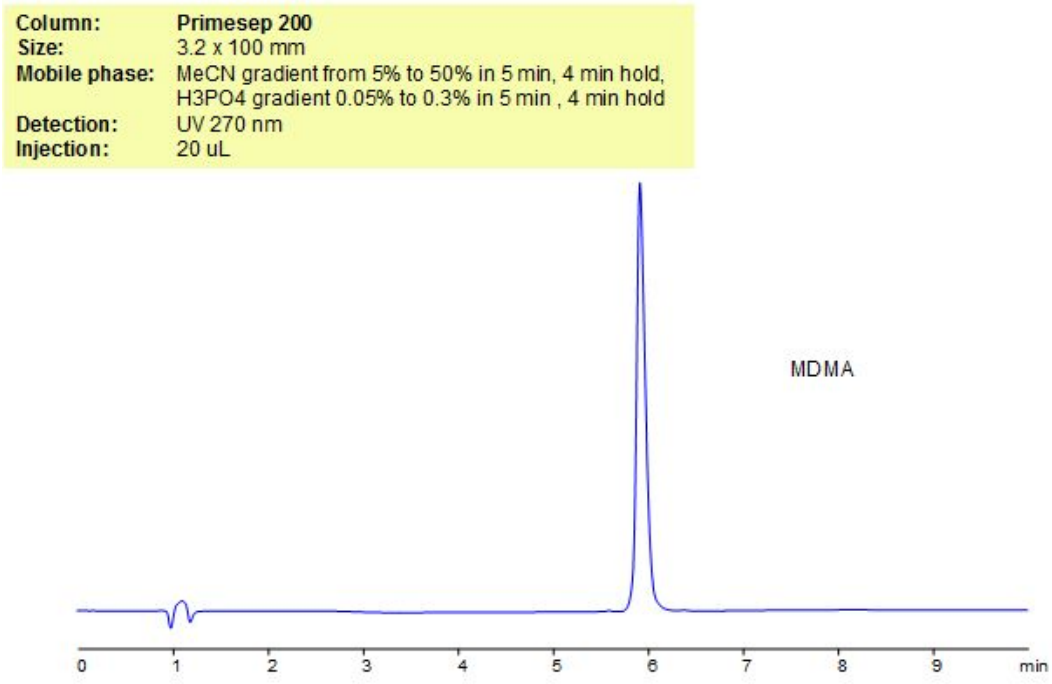
HPLC Method for Analysis of MDMA



Methylenedioxymethamphetamine (MDMA), also known as ecstasy, is a synthetic drug that has both, a psychedelic and stimulant effects. It is predominantly a “club drug” and is commonly used at rave parties. Primesep 200, a reverse phase column, contains embedded acidic ionizable groups and can retain MDMA. The method is UV compatible and can be used as a general approach for analyzing similar compounds.

Method Parameters

Column	Primesep 200, 3.2×100 mm, 5 µm, 100 Å
Mobile Phase	Gradient MeCN – 5-50%
Buffer	Gradient H3PO4 – 0.05-0.3%, 5 min, 4 min hold
Flow Rate	0.5 mL/min
Detection	UV, 270 nm

Quelle: https://sielc.com/HPLC-Method-Analysis-MDMA