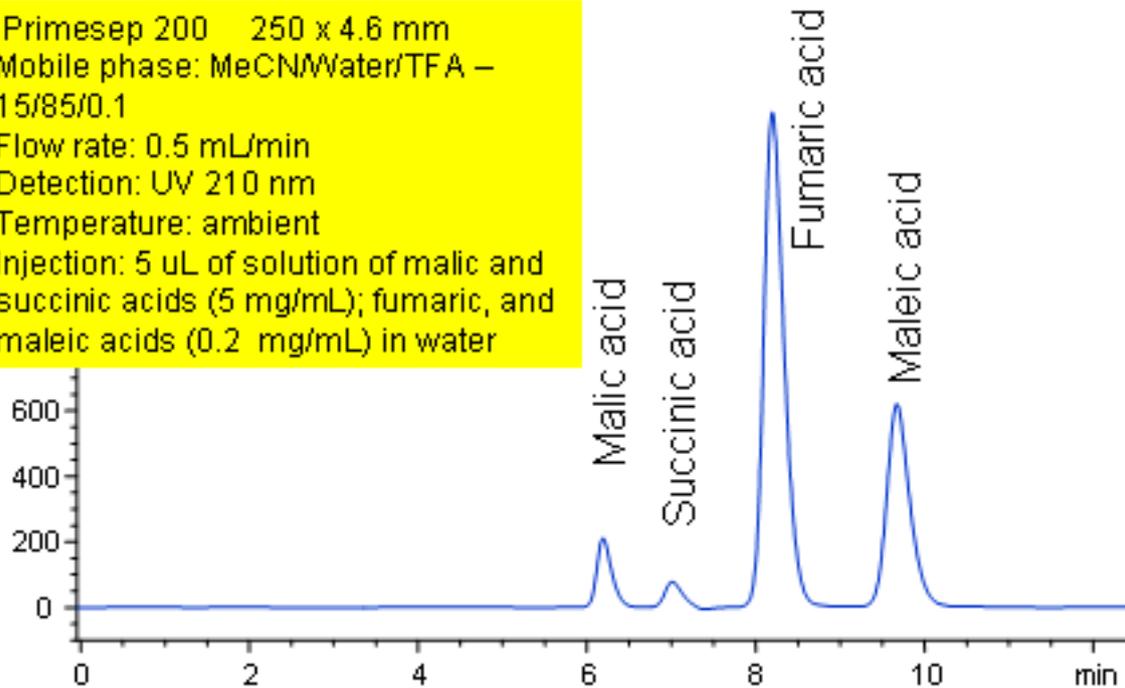


Separation of Diacid Hydrophobic and Ion Exclusion Modes

Primesep 200 250 x 4.6 mm
Mobile phase: MeCN/Water/TFA –
15/85/0.1
Flow rate: 0.5 mL/min
Detection: UV 210 nm
Temperature: ambient
Injection: 5 µL of solution of malic and
succinic acids (5 mg/mL); fumaric, and
maleic acids (0.2 mg/mL) in water



Primesep 200 retains and separates the organic diacids (malic, succinic, fumaric, and maleic) by a combination hydrophobic, reversed-phase interactions and ion exclusion. The separation uses a mobile phase of water, acetonitrile (MeCN, ACN) and trifluoroacetic acid (TFA) with UV detection at 210 nm.

Method Parameters

Detection	UV Detection
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Quelle: <https://sielc.com/Application-Separation-of-Diacid-Hydrophobic-and-Ion-Exclusion-Modes>