



HPLC & UHPLC Columns

Application Note: LC-CLIN601

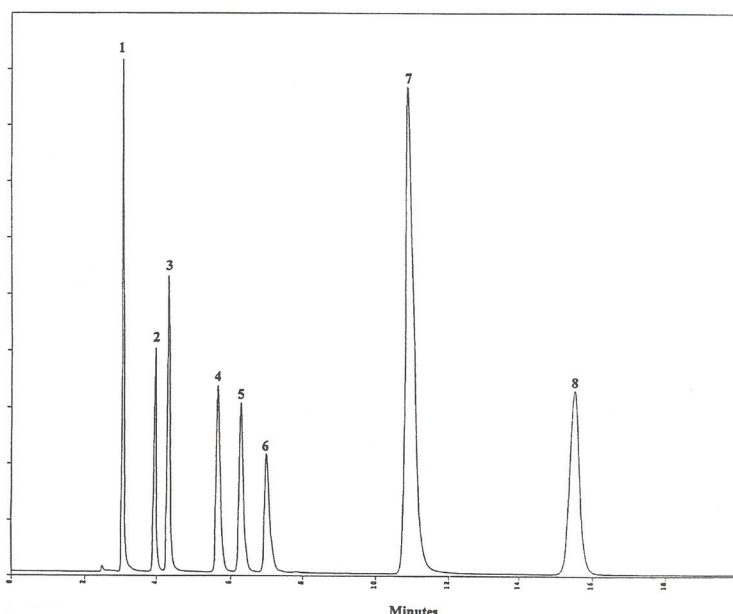
Analysis of Organic Acids

Introduction

This application note describes an HPLC method for the separation of eight common organic acids.

HPLC Conditions

HPLC Column: TELOS C18 Polar 5 μ 25cm x 4.6mmid
Part Number: 3002-5-250-046



Analytes

1. Oxalic Acid
2. Tartaric Acid
3. Formic Acid
4. Malic Acid
5. Malonic Acid
6. Lactic Acid
7. Maleic Acid
8. Fumaric Acid

HPLC Conditions

Mobile Phase: 0.05M KH₂PO₄, pH 2.4
Flow Rate: 1ml/min
Detection: UV @ 210nm

TELOS C18 Polar

TELOS C18 Polar - a high density packing specifically engineered for the retention of polar analytes, producing superior hydrophobic performance even when utilising 100% aqueous mobile phases.

Kinesis offer a comprehensive range of TELOS and TELOS Commercial Equivalent HPLC & UHPLC Columns. For further information please visit your local Kinesis website shown at the bottom of this application note.

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