Reduced and oxidized glutathione

Application Note

BioPharma

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Introduction
HPLC separation of two glutathiones takes four minutes with Agilent Pursuit C₁₈
Conditions

Column: Agilent Pursuit C₈, 4.6 mm x 150 mm, 5 μ
Part No.: A3000150X046

Mobile Phase: H₂O + 0.1% TFA, pH 2.0:CH₃OH- 90:10

Flow Rate: 1.0 mL/min

Temperature: Ambient

Detection: 215 nm

Peak identification

1. L-Glutathione Reduced (γ-Glu-Cys-Gly)
2. L-Glutathione Oxidized (γ-Glu-Cys-Gly) (γ-Glu-Cys-Gly)