

Supplementary Information 1. Compound certificate of analysis

Product Name: Ferulic acid; Molecular Formula: C₁₀H₁₀O₄; Molecular Wt: 194.18;

CAS: 537-98-4; Purity: 99.9% (HPLC)

Chromatographic column: SinoChrom ODS-BP (4.6*250mm, 5 μ m)

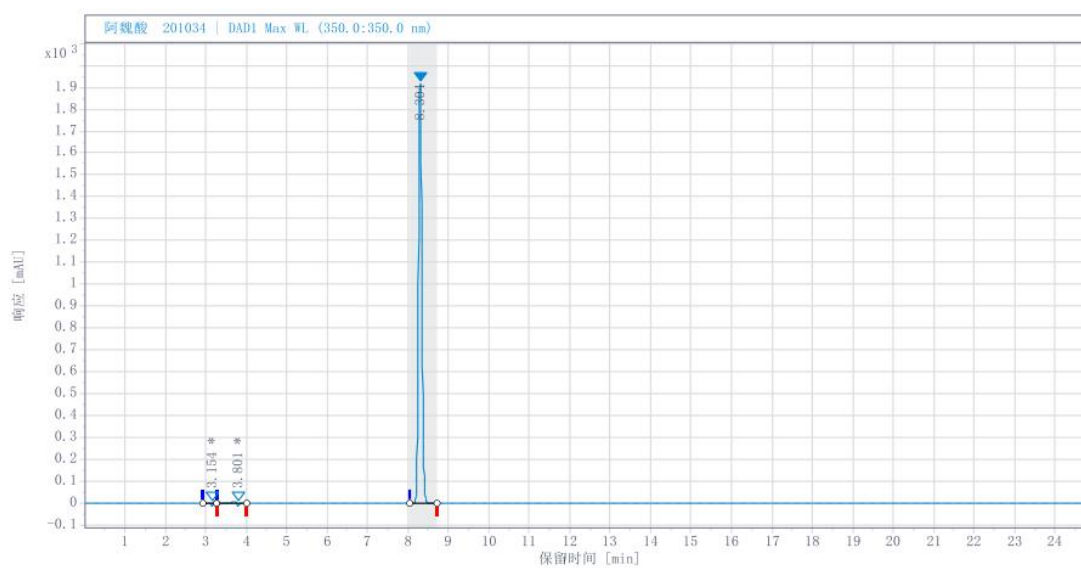
Mobile phase: A-0.01% trifluoroacetic acid water, B-acetonitrile

Flow velocity: 1.0 ml/min

Column temperature: 30°C

Detector: DAD 320nm

Solvent: Methyl alcohol



| # | RT(min) | Peak area | Peak area% | Peak height |
|---|---------|-----------|------------|-------------|
| 1 | 3.154 | 31.715 | 0.286 | 11.972 |
| 2 | 3.801 | 12.728 | 0.115 | 13.905 |
| 3 | 8.304 | 11031.342 | 99.599 | 1918.077 |