

ANALYSIS OF GINSENG ROOT POWDER ON AN ACQUITY UPLC BEH AMIDE COLUMN

CLICK ON PART NUMBERS FOR MORE INFORMATION
UPLC CONDITIONS

Column: ACQUITY UPLC® BEH Amide,
1.7 μ m, 2.1 x 150 mm

Part Number: [186004802](#)

Mobile Phase: 80:20 MeCN:H₂O

Isocratic Flow Rate: 0.6 mL/min

Column Temp.: 60 °C

Sample Temp.: 10 °C

Injection Vol.: 2.5 μ L; PLNO on 10 μ L loop

Strong & Weak

Needle Wash: 95:5 MeCN:H₂O

Seal Wash: 10:90 MeOH:H₂O

UV: 203 nm

Sampling Rate: 20 Hz

Filter Time Constant: 0.2 sec

Total Run Time: 3.5 min

Instrument: ACQUITY UPLC with ACQUITY UPLC PDA

EXTRACTION PROCEDURE

1. Add 1 mL 80% MeOH to 200 mg ginseng root powder and sonicate for 5 min.
2. Centrifuge for 5 min @ 10,000 rpm.
3. Keep supernatant and re-extract by repeating steps 2-4 two more times.
4. Pool all three extracts and mix well.
5. Filter through a 13 mm nylon 0.2 μ m filter prior to injection.

COMPOUND