

Determination of Orotic acid in milk

Method VFD0134J_E

HPLC

Column: Eurokat H, 10 µm, 300 x 8 mm

Order No. 30GX340EKN

Phase: Eurokat H, 10 µm

Eluent: 0.01 N Sulfuric acid
Gradient: Isocratic
Flow rate: 0.6 ml/min
Temperature: 60 °C
Volume: 20 µL (Standard)

Detection: UV, 210 nm**Substances:** Orotic acid, Lactic acid and Acetic acid**Keywords:** Orotic acid, Eurokat H, Vitamin B13, dietary supplement**Sample preparation:** Five gram of milk were filled up to 25 ml with 4 mM H₂SO₄, centrifuged for 10 min with 2000 rpm, filtrated (0,45 µm) and diluted 1:10 before 5 µl were injected for analysis.**Chromatogram:**

Milk sample:

