Tocopherols

Application Note

Food Testing & Agriculture

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Introduction
HPLC using an Agilent Polaris NH2 column separates three tocopherols in just over four minutes.
**Conditions**

Column: Agilent Polaris NH2, 4.6 x 150 mm, 5 µm  
Part no. A2001030X046

Eluent:  
A: Heptane  
B: CH₂Cl₂ : MeOH 80:20

Flow: 1.0 mL/min

Detection: UV @ 295 nm

**Peak identification**

1. alpha-tocopherol  
2. gamma-tocopherol  
3. delta-tocopherol