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## APPLICATION NOTE

Application 1938 - HPLC

### Imidazoles

#### Imidazoles in Caramel Couler

Column: Polaris C18-A 5 $\mu$  150 x 2.0mm

Part nr.: A2000150X020

Eluent: **A:** 0.005M NH<sub>4</sub>OH (pH 9.4) **B:** MeCN **Gradient:** 98%B to 80% B in 15 min  
80%B to 98%B in 20 min

Flow Rate: 0.4 ml/min

Temperature: 40°C

Detection: DAD, LC/MS-Q

Sample: 1. THI .....2-acetyl-4(5)-tetrahydroxybutylimidazole  
2. 4MI .....4(5)-methylimidazole

Courtesy: Borivoj Klejdus, Mendel University of Agriculture and Forestry, Department of Chemistry and Biochemistry, Brno, CZ

