

**CoreFocus**  
**Report**  
**No.32**

LC

Reversed-phase

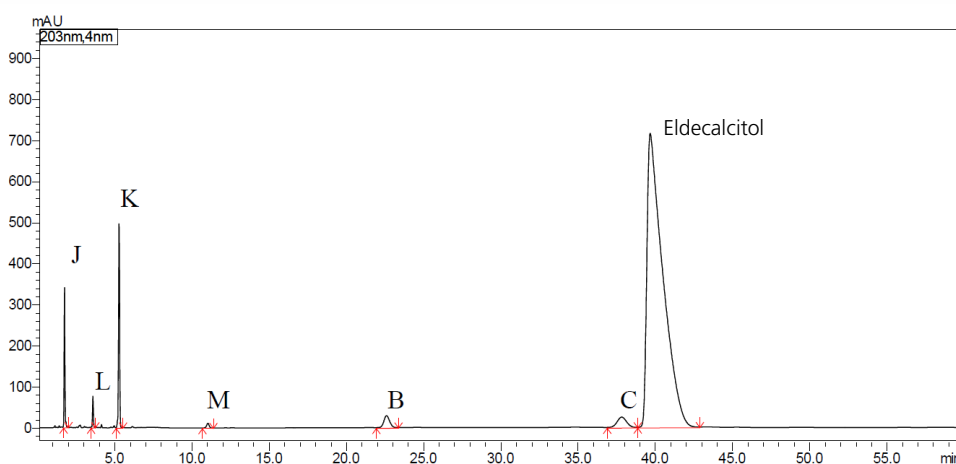
Shim-pack™ Series

**Shim-pack Scepter™ HD-C18-80**

**Analysis of Eldecalcitol**

**Keywords: ED-71, analog of Vitamin D**

Chromatogram of Standard Mix



Eldecalcitol (0.5 mg/mL)  
Impurity L (0.077 mg/mL)  
Impurity M (0.077 mg/mL)  
Impurity J (0.038 mg/mL)  
Impurity K (0.038 mg/mL)  
Impurity B (0.153 mg/mL)  
Impurity C (0.077 mg/mL)

Column	: Shim-pack Scepter HD-C18-80 (250 x 4.6 mm I.D., 5 µm) P/N: 227-31024-06
Mobile phase	: A) Water B) Acetonitrile
Gradient program	: 85%B(0 min) – 100%B(0.1 min – 42 min) – 85%B(42.1 min – 65 min)
Flow rate	: 1.5 mL/min
Column temp.	: 35°C
Injection vol.	: 10 µL
Vial	: LabTotal™ Vial for LC/LCMS, P/N : 227-34001-01
Detection	: UV at 203 nm

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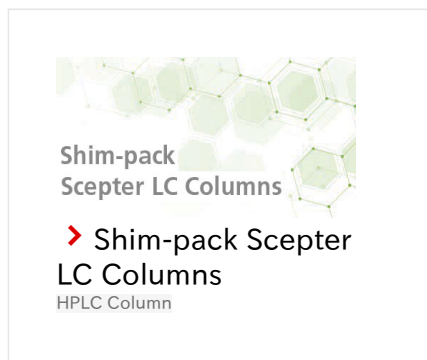
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