

HPLC-UV Method for the Determination of Telmisartan Using a Core Enhanced Technology Accucore Column

Application #616

28 February 2013

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General Information

Market: Pharmaceutical

Matrix: Standards

Instrument type: UHPLC

Description

This application note demonstrates the use of the Thermo Scientific Accucore RP-MS column for the determination of telmisartan by HPLC-UV.

Method Details

Instrument parameters

Instrument Parameter	Value
Run Time Length	3.500 min
Mobile_Phase	70:30 (v/v) 20 mM ammonium acetate / acetonitrile
Column_Temperature	25 °C
Injection_Volume	1 L
UV_Detection	230 nm
Flow_Rate	0.4 mL/min

Gradient Details

No gradient information available.

Column Details

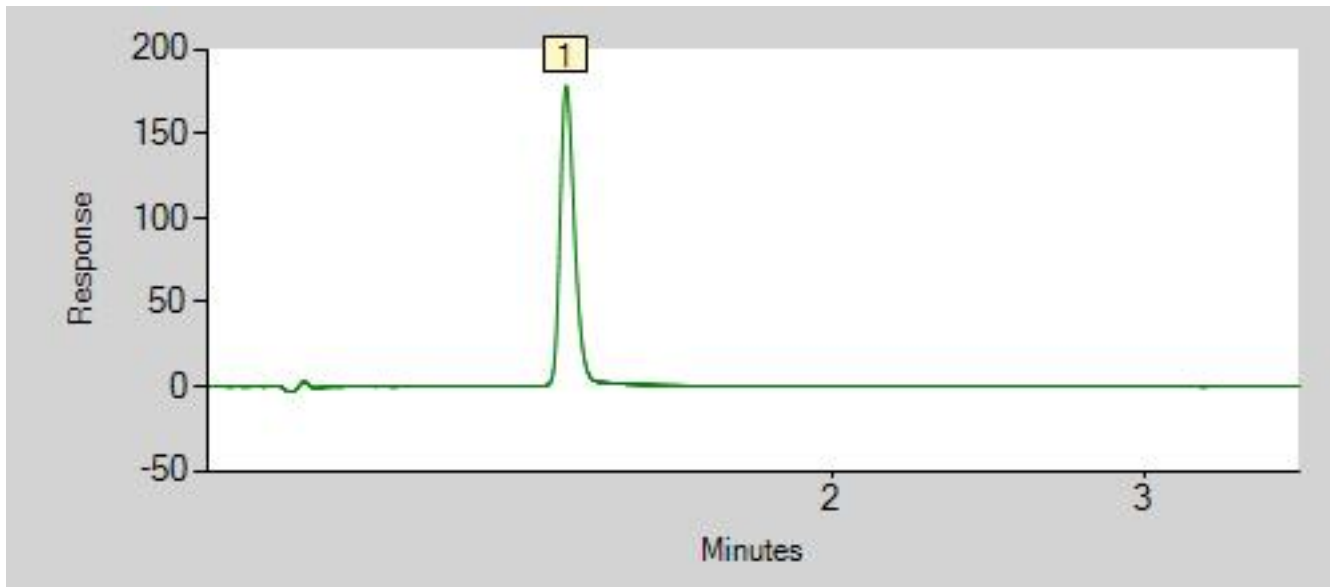
column_A	
Manufacturer	Thermo Fisher Scientific
Model	Accucore RP-MS
Diameter	2.1
Length	50
Particle Size	2.6
Packing Material	Accucore RP-MS

System information

Instrument Type	UHPLC
UHPLC	Accela

Results

Channel Detector_1_230nm



No	Peak_Name	*Compound _Class	Retention_Ti me	Peak_Area	Peak_Area_p c	Peak_Height	Peak_Height _pc	Plates_(USP)	Resolution_(USP)	Tailing_Facto r_(USP)
1	Telmisartan	n.a.	1.148	9.645	100.00	178.091	100.00	3028	n.a.	1.32

Appendix

The application can be accessed at <http://dlibrary.dionex.com/Public/View.aspx?ApplicationID=616>

Available Downloads

Filename	Size(bytes)
ANCCSCETTELMIS_1211_v3.pdf	575073

Related Information

No related information available.