

CoA; Determination of K2 content in Vitamin K2 & D3

Objective: Analysis of K2 (MK-7) content in oil product

Date of analysis: 07.12.2018

Analysis Method: USP38 Menaquinone-7 product; Content of Menaquinone-7 Method2

The amount of K2 (MK-7) in the material is determined by HPLC (qualified instrument Agilent 1260), with UV detection at 268 nm, using external standard calibration method.
MK-7 is released from the matrix by adding THF and EtOH to the product. Two replicate sample preparations.

Sample/Result:

Sample		
Marketer/Manufacturer	Mount Natural	
Product name	Vitamin D3 & K2	
Batch no.	18121041	
Expiry	jan. 20	
Label claim K2 (MK-7/item)	25 µg/drop (33.3 mg)	
Parameter	Sample	Result
K2 (MK-7) content	A	27.0 µg/33.3 mg product (108 % of label claim)
	B	27.3 µg/33.3 mg product (109 % of label claim)

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