

CoA K2 content in Essentials O3-D3-K2

Objective: Analysis of K2 (MK-7) content

Date of analysis: 01.08.2018

Analysis Method: USP38 Menaquinone-7; 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.

Experimental: The vitamin is released from the matrix by adding THF and EtOH to the product (capsule fill).

Sample/Result:

Sample		
Manufacturer	Alphacaps	
Product name	Essentials O3-D3-K2	
Batch no.	11257	
Expiry	December 2019	
Label claim K2	25 µg/capsule	
Result		Inaccuracy
K2 content	According to USP38 method	25 µg/capsule (100% of label claim) ±3.2 (12.9 % RSD)

Average fill weight per capsule are used in the calculations.

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