

CERTIFICATE OF ANALYSIS

Name: 0146-472 - Valerianae radices EF 100g

Werkorder: 132690

Lot number: 20F02/V11235

Expiry date: 31/05/2023

Parameter	Measured Value	Specification Value Range	Analysis Method
Reference			
REFERENCE: Conforma			
Characters			
Description: Dark brown liquid	conform	conform	
Identification			
HPTLC	positive	positive	Conforma
Tests			
Residue on drying	16,3 % m/m	15,0 - 17,0 % m/m	Ph. Eur.
Relative density	0,993	0,970 - 1,000	Ph. Eur.
Ethanol	46 % V/V	45 - 50 % V/V	Conforma
Methanol	< 0,05 % V/V	< 0,05 % V/V	Conforma
2-Propanol	< 0,05 % V/V	< 0,05 % V/V	Conforma
Ratio herb/native extract	1/1		Ph. Eur.
Microbial contamination			
TAMC	0 cfu/g	< 100.000 cfu/g	Ph. Eur.
TYMC	10 cfu/g	< 10.000 cfu/g	Ph. Eur.
Bile-tolerant gram-negative bacteria	0 cfu/g	< 10.000 cfu/g	Ph. Eur.
E. coli	absent in 1g	absent in 1g	Ph. Eur.
Salmonella	absent in 25g	absent in 25g	Ph. Eur.
Assay			
Sesquiterpenic acids	0,0479 % m/m	> 0,0300 % m/m	Ph. Eur.
Release			
Conclusion	conform	conform	
Date	27/11/2020		

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Signed by: Filip Van Houtte
Qualified Person

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