

# CERTIFICATE OF ANALYSIS

Name: 0378-612 - Valerianae T PhEur. 100ml

Werkorder: 130551

Lot number: 19F11/V02679

Expiry date: 31/05/2022

Parameter	Measured Value	Specification Value Range	Analysis Method
<b>Reference</b>			
REFERENCE: Ph. Eur.			
<b>Characters</b>			
Description: Brown liquid	conform	conform	
<b>Identification</b>			
Thin-layer chromatography	positive	positive	Ph. Eur.
<b>Tests</b>			
Ethanol	67,8 % V/V		Conforma
Ratio herb/native extract	2/15		Ph. Eur.
<b>Microbial contamination</b>			
TAMC	30 cfu/g	< 10.000 cfu/g	Ph. Eur.
TYMC	0 cfu/g	< 100 cfu/g	Ph. Eur.
Bile-tolerant gram-negative bacteria	0 cfu/g	< 100 cfu/g	Ph. Eur.
E. coli	absent in 1g	absent in 1g	Ph. Eur.
Salmonella	absent in 25g	absent in 25g	Ph. Eur.
<b>Assay</b>			
Sesquiterpenic acids: expressed as valerenic acid	0,015 % m/m	> 0,015 % m/m	Ph. Eur.
<b>Release</b>			
Conclusion	conform	conform	
Date	02/10/2019		

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Signed by: Marta Donadoni  
Qualified Person