

CERTIFICATE OF ANALYSIS

Name: 0374-413 - Hamamelidis EF PhFr.100g

Werkorder: 147477

Lot number: 21C25/V15883

Expiry date: 29/02/2024

Parameter	Measured Value	Specification Value Range	Analysis Method
Reference			
REFERENCE: Ph. Fr.			
Characters			
Description: Dark brown liquid with a characteristic odour	conform	conform	
Solubility	conform	conform	Ph. Fr.
Identification			
A.: Precipitation reaction (tanins)	positive	positive	Ph. Fr.
B.: Colour reaction (flavones)	positive	positive	Ph. Fr.
Tests			
Relative density (d20-20)	1,0226		Ph. Eur.
Ethanol content	36,1 % V/V	34,0 - 39,0 % 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	3/2		Ph. Eur.
Chromatography	conform	conform	Ph. Fr.
Residue on drying	16,8 % m/m	15,0 - 20,0 % m/m	Ph. Fr.
Microbial contamination			
TAMC	< 10 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.
Release			
Conclusion	conform	conform	
Date	11/08/2021		

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This report of analysis is valid without any subscription.

Signed by: Filip Van Houtte
Qualified Person

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