

# CERTIFICATE OF ANALYSIS

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

Werkorder: 152300

Lot number: 21I02/V17813

Expiry date: 31/08/2024

Parameter	Measured Value	Specification Value Range	Analysis Method
<b>Reference</b>			
REFERENCE: Ph. Fr.			
<b>Characters</b>			
Description: Dark brown liquid with a characteristic odour	conform	conform	
Solubility	conform	conform	Ph. Fr.
<b>Identification</b>			
A.: Precipitation reaction (tanins)	positive	positive	Ph. Fr.
B.: Colour reaction (flavones)	positive	positive	Ph. Fr.
<b>Tests</b>			
Relative density (d20-20)	1,0356		Ph. Eur.
Ethanol content	35,6 % 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	5/2		Ph. Eur.
Chromatography	conform	conform	Ph. Fr.
Residue on drying	19,7 % m/m	15,0 - 20,0 % m/m	Ph. Fr.
<b>Microbial contamination</b>			
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.
<b>Release</b>			
Conclusion	conform	conform	
Date	08/11/2021		

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This report of analysis is valid without any subscription.

Signed by: Filip Van Houtte  
Qualified Person

1/1