

# CERTIFICATE OF ANALYSIS

Name: 0378-083 - Rhamni pursh.ES norm.PhEu 250g

Werkorder: 140412

Lot number: 20I22/V11556

Expiry date: 31/08/2025

Parameter	Measured Value	Specification Value Range	Analysis Method
<b>Reference</b>			
REFERENCE: Ph. Eur.			
<b>Sampling</b>			
Original Manufacturer: Finzelberg Gmbh	conform	conform	
Supplier (Distributor): Finzelberg Gmbh	conform	conform	
<b>Characters</b>			
Description: Brown, free-flowing powder	conform	conform	
<b>Identification</b>			
Thin-layer chromatography	positive	positive	Ph. Eur.
<b>Tests</b>			
Loss on drying	2,1 % m/m	< 5,0 % m/m	Ph. Eur.
Ratio herb/native extract	4/1		Ph. Eur.
<b>Microbial contamination</b>			
TAMC	0 cfu/g	< 100.000 cfu/g	Ph. Eur.
TYMC	0 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>Assay</b>			
Cascarosides: expressed as cascaroside A (dried extract)	74 %	> 60 %	Ph. Eur.
Hydroxyanthracene glycosides: expressed as cascaroside A (dried extract)	19,3 % m/m	8,0 - 25,0 % m/m	Ph. Eur.
<b>Additional information</b>			
Lactosum monohydricum Ph. Eur.	21,48 % m/m		Ph. Eur.
<b>Release</b>			
Conclusion	conform	conform	
Date	16/12/2020		

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Signed by: Filip Van Houtte  
Qualified Person

1/1