

## SIA "FANEKS" analytical laboratory

Test report No. 2023-249

Sample information			
Customer	AS "Latvijas Finieris"		
Order number	82/23		
Sample arrival date	09.05.2023.		
Sample name	Betula Alba Bark Extract		
Batch number	E2023-18-11		
Sample number	E80-11		
TRITERPENES METHOD			
Method identification	0049_01_23_Betulin, Lupeol, Betulinsk		
Method status	FANEKS in-house method		
Reference material information			
Reference material	<i>Betulin</i>	<i>Betulinic acid</i>	<i>Lupeol</i>
Supplier	Sigma-Aldrich	Sigma-Aldrich	Sigma-Aldrich
Catalog No.	92648	91466	18692
Batch number	BCCD2782	BCCH1050	BCCH9260
Assay	97.7%	99%	98.7%
Results			
Determined substance	<i>Betulin</i>	<i>Betulinic acid</i>	<i>Lupeol</i>
Determined content	81.2 %	3.2 %	4.6 %
TANNINS METHOD			
Method identification	01/2008:20814		
Method status	European Pharmacopoeia 11.0 (Modification)		
Reference material information			
Reference material	Pyrogallol		
Supplier	Sigma-Aldrich		
Catalog No.	P0381		
Batch number	BCCG0904		
Assay	99.9 %		
Results			
Substance group to be determined	Tannins		
Result	< 0.1 %		

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SOLVENTS METHOD				
Method identification	04/2020:20424			
Method status	European Pharmacopoeia 11.0 (Modification)			
Reference material information				
Reference material	<i>Methanol</i>	<i>Ethanol</i>	<i>2-Propanol</i>	<i>1-Butanol</i>
Supplier	Sigma-Aldrich	Sigma-Aldrich	Sigma-Aldrich	Sigma-Aldrich
Catalog No.	1.06007.2500	1.00983.1011	1.09634.2511	537993
Batch number	I1254407	K49937683	I1239634	BCBK2715V
Assay	99.9%	99.9%	99.9%	99.9%
Results				
Determined substance	<i>Methanol</i>	<i>Ethanol</i>	<i>2-Propanol</i>	<i>1-Butanol</i>
Determined content	0.01%	0.01%	n.d.	n.d.
Laboratory information				
Analyst	Daiga Mieriņa			
Analyst signature				
Analyst	Oļegs Zeņevičs			
Analyst signature				
Analyst	Alesia Bahlai			
Analyst signature				

Head of Laboratory

V. Šatcs



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