



CERTIFICATE OF ANALYSIS

FENO-MYRTILLUS™ 25 ORGANIC

Spray dried organic Arctic bilberry extract powder



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Product information

PRODUCT NUMBER	20 333	BATCH NUMBER	H308
PRODUCTION DATE	24/08/2017	EXPIRATION DATE	24/08/2020

Product composition

CONSTITUENT	CRITERIA	METHOD	RESULT
Concentration	100 % organic bilberry extract	Calculatory	In conformity
Anthocyanins	≥ 25.0 % 36 ± 3.6 %	UV (AOAC 2005.02) HPLC (Ph. Eur)	25.2 % ABR
Excipients	none	Protocol	In conformity
Preservatives	none	Protocol	In conformity

Physical properties

PROPERTY	CRITERIA	METHOD	RESULT
Appearance	Dark purple powder	Sensoric	In conformity
Particle size	> 95 % through 80 mesh	Sensoric	In conformity
Bulk density	500 ± 200 g/l	Gravimetric	In conformity
Moisture	0 – 8 %	Loss on drying	96.91 %

Contaminants

CONTAMINANT	CRITERIA	METHOD	RESULT
Lead (Pb)	< 3.0 ppm	ICP-MS: SFS-EN ISO 17294-2	0.10 ppm
Cadmium (Cd)	< 1.0 ppm	ICP-MS: SFS-EN ISO 17294-2	< 0.05 ppm
Arsenic (As)	< 1.0 ppm	ICP-MS: SFS-EN ISO 17294-2	< 0.5 ppm
Mercury	< 0.1 ppm	ICP-MS: SFS-EN ISO 17294-2	< 0.05 ppm
Total plate count	< 10 ⁴ CFU/g	NMKL 86:2013	< 100 CFU/g
Yeasts	< 10 ³ CFU/g	NMKL 98:2005	< 10 CFU/g
Moulds	< 10 ³ CFU/g	NMKL 98:2005	< 10 CFU/g

Approval status

APPROVED BY	TITLE	DATE	SIGNATURE
Petri Lackman	Chief Operating Officer	29.08.2017	Petri Lackman

The product does meets all the required quality requirements and is released for R&D sample purposes only. This document has been generated electronically and does not require a physical signature.

