

Product name:

Product code:

Batch:

Best before date:

Rosemary CO2 Extract Organic

CO400

452212

06/2030

General identification data		
Parameter	Value	
CAS No.	84604-14-8, 8001-21-6	
EC number	283-291-9, 232-273-9	
Product color	Amber	
HS code	13023900	
INCI	Rosmarinus Officinalis Leaf Extract, Helianthus Annuus Seed Oil	
Country of origin	South Africa, Morocco, Germany, Ukraine	
Grade	Cosmetic Grade, Food Grade	
Storage conditions	Protect from light, Store in a cool place, Store in a dry and clean environment, Keep container tightly closed	
Odour	Characteristic	
Appearance	Thick Liquid	
Analytical parameters		
Parameter	Value	Range
Betulinic acid (%)	1,3	
Oleanolic acid (%)	0,75	
Ethanol content, C2H5OH (%)	1,7	< 2
Content of phenolic diterpenes (as Carnosic Acid) (%)	16,2	15 - 18
Water content (%)	0,98	< 1
Residual ethanol, C2H5OH (ppm)	1,7	< 2
Fatty acid profile		
Parameter	Value	Range
12-O-Methyl-Carnosic Acid (%)	1,6	

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Fatty acid profile		
Parameter	Value	Range
7-Methyl-Rosmanol (%)	0,09	
Carnosic Acid (%)	13,7	> 10
Carnosol (%)	0,73	
Total volatile flavour compounds (%)	1,7	< 4
Reference volatiles: borneol, bornyl acetate, camphor, 1,8-cineole, verbenone (%)	0,98	
Rosmanol (%)	0,14	

All data and facts above are taken from the certificate provided by the manufacturer. This certificate confirms that the product meets all specified quality parameters and regulatory requirements.

Document is signed with a qualified electronic signature, which has the same legal effect as a handwritten signature.