

Product name:

Product code:

Batch:

Best before date:

Rosemary CO2 Extract Organic

CO400

452213

09/2030

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 (%)	1,1	
Oleanolic acid (%)	0,10	
Ursolic acid (%)	0,11	
Ethanol content, C2H5OH (%)	1,9	< 2
Content of phenolic diterpenes (as Carnosic Acid) (%)	16,4	15 - 18
Water content (%)	0,99	< 1
Residual ethanol, C2H5OH (ppm)	1,9	< 2

Fatty acid profile		
Parameter	Value	Range

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Fatty acid profile		
Parameter	Value	Range
12-O-Methyl-Carnosic Acid (%)	0,67	
7-Methyl-Rosmanol (%)	0,14	
Carnosic Acid (%)	14,6	> 10
Carnosol (%)	0,82	
Total volatile flavour compounds (%)	2,5	< 4
Reference volatiles: borneol, bornyl acetate, camphor, 1,8-cineole, verbenone (%)	1,5	
Rosmanol (%)	0,22	

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.