



CERTIFICATE of ANALYSIS

**Product:** Moringa Virgin Organic oil, cold pressed

Moringa seed oil is the oil expressed from the seeds of Moringa oleifera, Moringaceae

Description	
Latin name	Moringa oleifera Lam, Moringaceae
Nuances	This analysis is also valid for: Deodorised/refined/Conventional /CO <sup>2</sup> extraction
INCI name	Moringa Oleifera Seed Oil
CAS number	93165-54-9
EINECS number	296-941-1
Functions as cosmetic product	Emollient, skin conditioning
Spreading behaviour	Medium

Physiochemical Characteristics

Parameter	Method	Wert/Range
Relative Density	20°C DGF C-IV 2	0.906 g/cm <sup>3</sup>
Refractive Index	20°C DGF C-IV 5	1.468
Acid Value	DFG C-V 2	≤10.0 Mg KOH/g (KOH=NaOH)
Saponification Value	DGF C-V 3	192 Mg KOH/g (KOH=NaOH)
Iodine Value	DGF-C-V 11d Wijs	69 Not drying
Peroxide Value	DGF C-IV 6e	<10
Extractant	-	- (mechanical pressing)

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### *Number of carbon atoms and of double bonds*

Saturated fatty acids	Mono unsaturated fatty acids	Poly unsaturated fatty acids
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Further Ingredients	Mg / 100g*
Calcium	

Iron	
Magnesium	
Potassium	
Sterols	
Tocopherols	29.5

Sterols	Mg/100g
Beta-sitosterol	48.0
Campesterol	16.0
Delta-5-avenasterol	10.5
Stigmasterol	18.0

According to EU Health Claims Regulation No. 1024/2006 it is principally not permitted to use the term “Free from Cholesterol” on any product packaging, even in cases that the oil does not contain more than 5mg of Cholesterol per 100g.

Vitamin E / Tocopherols According to SAA L 006-51	Mg / 100g*
Aktives Vitamin E <sup>1</sup>	14.1
Alpha-Tocopherol (α)	12.5
Beta-Tocopherol (β)	-
Gamma-Tocopherol (γ)	6.5
Delta-Tocopherol (δ)	10.5

Calculated from the Tocopherols

*The given values are to be considered as approximate average values which are based on scientific references and/or analysis.*

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