

Product name:

Product code:

Batch:

Best before date:

Schisandra Chinensis CO2-to Extract Organic
CO600
591005
08/2025

General identification data	
Parameter	Value
CAS No.	223748-53-6
EC number	920-239-2
Product color	Amber
HS code	13021970
INCI	Schizandra Sphenanthera (Schisandra) Fruit Extract
Country of origin	China, Germany
Grade	Cosmetic Grade
Processing method	CO2 Extraction
Storage conditions	Protect from direct sunlight, Store in a cool place, Store in a dry and clean environment
Odour	Characteristic
Appearance	Oil solution

Analytical parameters		
Parameter	Value	Range
Angeloylgomisin H (%)	0,031	
Angeloylgomisin O (%)	0,005	
Angeloylgomisin Q (%)	0,005	
Angeloylisogomisin O (%)	0,20	
Anwulignan (%)	3,5	
Benzoylgomisin H (%)	0,040	
Acid value (mg KOH/g)	17,4	
Deoxyschizandrin (= Schisandrin A) (%)	2,8	2,5 - 4,0
Ester value (mg KOH/g)	116	

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Analytical parameters		
Parameter	Value	Range
Gamma-schizandrin (= Schisandrin B, Gomisin N) (%)	0,058	
Gomisin A (%)	0,57	
Gomisin B (%)	0,16	
Gomisin C (%)	0,25	
Gomisin D (%)	0	
Gomisin F (%)	0,24	
Gomisin M1 (%)	0	
Gomisin M2 (%)	0	
Identified Schisandra lignans (%) (calculated as deoxyschizandrin)	8,6	> 5,0
Refractive index at 20 °C	1,4953	1,490 - 1,510
Unsaponifiable matter (%)	26,8	25 - 35
Essential oil content (%)	21,7	18 - 25
Optical rotation (°)	1,4953	1,490 - 1,510
Peroxide value (meq O2/kg)	2,2	< 10
Rubischandrin A (%)	0,27	
Saponification value (mg KOH/g)	133	
Schisandrin C (%)	0,14	
Schisanthenol (= Gomisin K3) (%)	0,22	
Schizandrin (= Schisandrol A) (%)	0,037	
Sitosterol (%)	0,012	
Specific density at 20 °C (g/cm3)	0,9621	0,95 - 0,97
Total sterols (as sitosterol) (%)	0,012	
Trigloylgomisin H (%)	0,15	

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Fatty acid profile	
Parameter	Value
Alpha+Beta-Himachalene (%)	27,0
Gamma+Alpha-Muurolene (%)	13,0
Santalene (%)	11,5

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.