

Certificate of Analysis

Product: Cascara Sagrada (Rhamnus purshiana bark extract, 10% cascarosides)
Supplier: Farmalabor
Lot / Batch: S2603697
Production Date: 28/04/2026
Retest Date: 16/02/2029
Raw Material Origin: America

Product

Item	Detail
Plant part / solvent	Bark / ethanol-water extraction
Composition	Bark extract; maltodextrin ≤30.0%; water ≤8%
Particle size	≥90.0% through 300 micron

Analysis

Test	Specification	Result
Assay (as cascaroside A)	10.0–12.0% w/w (USP spectrophotometric)	11.0% w/w
Identification (TLC)	Barbaloin and cascarosides	Complies
E/D ratio	Approx. 1:3–4	Complies
Appearance / colour	Hygroscopic powder / brown	Complies
Odour / taste	Characteristic / bitter, persistent	Complies
Density	Approx. 0.5 g/ml	0.484 g/ml
Solubility	Sparingly soluble in water	Complies
Loss on drying	≤5.0% w/w	2.1% w/w
Heavy metals, total*	≤20 ppm	Complies
Lead (Pb)*	≤3 ppm	Complies
Cadmium (Cd)*	≤1 ppm	Complies
Mercury (Hg)*	≤0.1 ppm	Complies
Residual solvents*	Ph. Eur. / Dir. 2009/32/EC	Complies
Contaminants	Reg. (EU) 2023/915	Complies
Pesticides*	Ph. Eur. / Reg. (EC) 396/2005	Complies
Aflatoxins*	B1 <5 ppb; total B1+B2+G1+G2 <10 ppb	Complies
Total aerobic count (TAMC)	≤50,000 CFU/g	<1000 CFU/g
Yeasts and moulds (TYMC)	≤500 CFU/g	<100 CFU/g
Salmonella / E. coli*	Absent / 25 g / absent / 1 g	Complies
Bile-tolerant gram-negative*	≤100 CFU/g	Complies

* Tested under the producer's periodic self-control plan.

Also stated on the certificate: free from food allergens (EU 1169/2011), gluten free, GMO free, BSE/TSE free, not irradiated.

Results from the manufacturer's certificate of analysis for this lot.