

## Certificate of Analysis

**Product Name:** Maca Root Extract 4.1

**Lot Number:** BPCMRE042022

**Latin Name:** Lepidium meyenii

**Origin:** Italy

**Expiry:** December 2025

TEST	RESULTS	LIMITS	METHODS
Characters**	Light-yellow, light-brown, fine powder	Light-yellow, light-brown, fine powder	Inspection
Identification*	Complies	Positive	TLC
Assay	---	---	---
Drug extract ratio (DER)	4:1	4:1	Internal method
Loss on drying	Complies	<= 5%	105° C - 3 hours
Heavy metals *	Complies	<= 10 ppm (Pb <3 ppm; Cd <1 ppm; Hg <0.1 ppm)	Atomic absorption
Antimicrobial preservatives	Complies	Absents	

MICROBIOLOGICAL SPECIFICATIONS	RESULTS	LIMITS	METHODS
Aerobic microorganism	Complies	< 5x10000 c.f.u./g	as per Eur.Ph
Moulds-Yeasts	Complies	< 5x100 c.f.u./g	as per Eur.Ph
Enterobacteriaceae*	Complies	< 100 c.f.u./g	as per Eur.Ph
E.Coli (1 g)*	Complies	Absent	
Salmonella (25g)*	Complies	Absent	
Aflatoxins	Complies		
B1*		< 5 ppb	
Sum of B1, B2, G1, G2*		< 10 ppb	

**For longer shelflife keep it away from heat, moisture and direct light**

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