

Certificate of Analysis

Product Name:	Leuzea carthamoides Dry Extract		
Production Date:	11.2021	Expiry Date:	12.2025
Quantity:	sample	Batch:	sample

ANALYSIS RESULTS

No	Parameter	Characteristics and Standards	Results
I. Organoleptic Parameters			
	Appearance	Amorphous powder	Conforms
	Colour	Creamish	Creamish
	Taste & Odour	Specific to plants	Conforms
II. Physical & Chemical Parameters			
	Loss on drying, %, not more than	5.0	4.00
	Heavy metals, mg/kg, not more than:		
	- Lead (Pb)	3.0	< 3.0
	- Cadmium (Cd)	1.0	< 1.0
	- Mercury (Hg)	0.1	< 0.1
	Beta ecdysterone, %, not less than / HPLC /	20.0	20.5
	Beta ecdysterone, based on dry substance, percentage, not less than	90.0	90.2
III. Microbiological Parameters			
	Total viable count, CFU/g, not more than	1.10 ⁴	Conforms
	Mould and Yeast, CFU/g, not more than	1.10 ³	Conforms
	S. aureus, E.coli, Salmonella spp., CFU/g	Must not be detected	None detected

Manufactured and controlled according to the principles and requirements of
 EN ISO 9001-2015, HACCP, FSSC 22000:2011, GMP, GMP+, Halal, Kosher

