

SCHEDA CONFORME
ALL'ORIGINALE

CERTIFICATE OF ANALYSIS		
Product name: Curcumin 95%		
Botanical name: Curcuma Longa Extract		Shel life: 2 Years
Country of origin: India		Part Used: Rhizome
Origin of extract: India		Batch No.: Ref COA
Extraction solvent: Ethyl acetate		
PROTOCOL	SPECIFICATION	RESULT
PHYSICAL & CHEMICAL ANALYSIS		
Description	Free Flowing Powder	Complies
Colour	Yellowish Orange	Complies
Odour	Characteristic	Complies
Taste	Characteristic	Complies
Solubility in Water	Insoluble	Insoluble
Solubility in Ethyl Acetate	Soluble	Soluble
Particle Size	NLT 90% pass through 80mesh	Complies
Residual Solvent	NMT 50ppm	Complies
Loss on drying	NMT 1%	0.25%
ASSAY		
Curcuminoids by HPLC	NLT 95%	96.85%
Curcumin	75-81%	76.25%
Desmethoxy Curcumin	15-19%	16.88%
Bis-desmethoxy Curcumin	2.5-6.5%	3.72%
MICROBIOLOGICAL		
Total Plate Count	NMT 1000 cfu per g	Complies
Yeast & Mould	NMT 100 cfu per g	Complies
E.coli	Absent	Absent
Salmonella spp.	Absent	Absent
S.aureus	Absent	Absent
P.aeruginosa	Absent	Absent
HEAVY METALS		
Lead	NMT 3ppm	Complies
Arsenic	NMT 1ppm	Complies
Mercury	NMT 0.1ppm	Complies
Cadmium	NMT 1ppm	Complies

Storage condition: Store in cool and dry place. Do not freeze. Avoid sunlight.

Analysed by

Approved by

Note: 1. This report cannot be used in part or full in any media without permission.
2. The result listed refer only to the applicable parameters.