

Certificate of Analysis

Product: HydroCurc Batch No: 20210802_10 Quantity: 5kgs		
Test Parameters	Specification	Actual Values
Appearance	Grainy, orange powder	Complies
Odour	Typical curcumin	Complies
Dispersion	0.5g of powder disperses in 250 ml water	Complies
Identity by FTIR	Score \geq 950 compare to in-house standard	Score 981
Curcuma longa extract Total Curcuminoids	NLT 90% w/w NLT 85% w/w In-house assay report no:	91.4% w/w ¹ 87.0% w/w ARL2105810
Particle size analysis – 100 mg of HydroCurc mixed in 250 ml water	Mean particle size: < 30 μ m Median particle size: <25 μ m % < 10 μ m in diameter: NLT 20% Pola report no:	20.25 μ m 18.00 μ m 22.87% 1368
Metals & non-metals Lead Arsenic (inorganic) Cadmium Mercury	NMT 0.1 ppm NMT 0.1 ppm NMT 0.1 ppm NMT 0.1 ppm NMI Report no:	Complies RN1325693
Pesticide Residues	According to Reg. (EC) 396/2005 and its amendments and to 40 CFR Part 180 NMT Report No:	Complies RN1325693
Total aerobic microbial count Total yeast and mould count Bile-tolerant Gram negative bacteria Salmonella Escherichia coli Staphylococcus aureus	Less than or equal to 10 ⁴ CFU per g Less than or equal to 10 ² CFU per g Less than or equal to 10 ² CFU per g Absent in 10g Absent in 1g Absent in 1g ALS Report no:	Complies FS2147645
Also contains LipiSperse™ Silica	< 10% w/w < 2% w/w	8.3% w/w ¹ 0.3% w/w ¹

¹This result determined by quantifying at input.

