

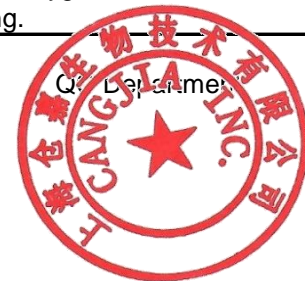
CERTIFICATE OF ANALYSIS



Spirulina Powder

Batch No.: **LXZ200608**MFG Date: **2020-6-8**Exp Date: **2022-6-7**Source/Latin Name: **Arthrospira platensis** Plant Part Used: **Whole algae**

Item	Specification	Method	Result
Assay			
Protein	NLT 55.00%	Inhouse	59.33%
Organoleptic			
Appearance	Fine powder	Organoleptic	Conform
Color	Green	Organoleptic	Conform
Odour&Taste	Characteristic	Organoleptic	Conform
Analytical			
Identification	Identical to R.S. sample	TLC	Conform
Particle Size	100% through 80 mesh	USP	Conform
Loss on Drying	NMT 8.00%	USP	5.83%
Total Ash	NMT 8.00%	USP	6.29%
Contaminants			
Lead (Pb), ppm	NMT 3.0000	ICP-MS	0.8639
Arsenic (As), ppm	NMT 2.0000	ICP-MS	0.4620
Mercury (Hg), ppm	NMT 0.1000	ICP-MS	< 0.01
Cadmium (Cd), ppm	NMT 1.0000	ICP-MS	0.0938
Microbiological			
Total Plate Count, cfu/g	NMT 10000	USP	<5000
Yeast & Mold, cfu/g	NMT 1000	USP	<30
Escherichia coli, cfu/g	Negative/25g	USP	Conform
Salmonella spp. cfu/g	Negative/25g	USP	Conform
Staphylococcus aureus, cfu/g	Negative/25g	USP	Conform
Packaging	Food grade PE bags with fiber drum outside, typically 25kg/drum or as client's requirement.		
Storage	Store in well-closed container, and keep away from moisture, light, oxygen and contaminants.		
Shelf Life	24 months under the conditions above and in its original packaging.		

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