

CERTIFICATE OF ANALYSIS		
Product: ORGANIC SPIRULINA POWDER (SPRAY DRIED) - PG		
Scientific name: Spirulina (Arthrospira platensis)		
Country of Origin: INDIA		
Grade: Premium Grade		
BEST BEFORE: 36 MONTHS FROM MFG.		
Parameters	USP Specifications	Result
Appearance		Dark Green Fine Powder
Loss on drying (%)	NMT 10%	NMT 6%
Total Ash (%)	NMT 15%	NMT 8%
Bulk Density (g/L)	NLT 0.62	NLT 0.68
Protein (%)	NLT 55%	NLT 65%
Total Carotenoids (%)	NLT 0.35%	NLT 0.370
Beta-Carotene %	NLT 0.15%	NLT 0.17%
Chlorophyll "A" (%)	NLT 1.00%	NLT 1.2%
Phycocyanin:		
Crude phycocyanin, %	NLT 15%	NLT 18%
Pure phycocyanin, %	NLT 6%	NLT 7%
Heavy metal analysis:		
Arsenic, mg/kg	NMT 0.5	NMT 0.5
Cadmium, mg/kg	NMT 0.20	NMT 0.20
Lead, mg/kg	NMT 0.20	NMT 0.20
Mercury, mg/kg	NMT 0.025	NMT 0.025
Note: 1) All the results are on dry basis 2) Store in a cool & dry place, do not leave the container in open condition to avoid external contamination.		
Remarks: Analytical results for each manufacturing batch may vary within normal measurement uncertainty; however, every batch released by Viridia Biotech meets or exceeds the specifications stated in this Certificate of Analysis.		