

Certificate of analysis

Product: *Chlamydomonas reinhardtii* Green Powder
Origin: Touyun Biotechnology Group, China
Lot #: 2021122801
Species Name: *Chlamydomonas reinhardtii*
Appearance: Green Powder

Specific analysis for this lot: **2021122801**

Quality Measure	Specification	Results	Units	Method	Conclusion
Moisture	≤10	5.11	%	AOAC 925.10	Specification Met
Protein (crude)	30-70%	44.2	%	AOAC 992.15	Specification Met
Fat (crude)	≤10	3.7	%	AOAC 922.06	Specification Met
Starch	< 55%	21.0	%	AOAC 979.10	Specification Met
Ash	≤6	5.24	%	AOAC 923.03	Specification Met
Microbiological					
Aerobic plate count	≤1000	n.d	CFU•g-1	AOAC 966.23	Specification Met
E. coli	Negative	Negative	CFU•g-1	AOAC 991.14	Specification Met
Yeast & Mold	≤1000	n.d	CFU•g-1	FDA/BAM Ch. 18	Specification Met
Staphylococcus aureus	Negative	Negative	CFU•g-1	AOAC 2003.07	Specification Met
Total coliforms	≤100	n.d.	CFU•g-1	AOAC 991.14	Specification Met
Salmonella	Negative	Negative	Org•25g	AOAC 2003.07	Specification Met
Metals					
Arsenic	≤1	0.068	ppm	AOAC 993.14	Specification Met
Cadmium	≤1	n.d	ppm	AOAC 993.14	Specification Met
Lead	≤1	0.02	ppm	AOAC 993.14	Specification Met
Mercury	≤1	n.d.	EPA 7471	EPA 7471	Specification Met

Date of Manufacture: 01/08/2022

Date of Expiration: 01/08/2023

Country of Origin and Manufacture: China