

Certificate of Analysis

Product Name	Chlorella Powder	Batch Number	YG20210306
Testing basis	GB19643	Manufacture Date	20210306
Origin	China	Analysis Date	20210310
Quantity	5mt	Expiry Date	20230305

ITEMS	SPECIFICATION	RESULTS	TEST METHODS
Physical & Chemical			
Colour	Fine Green Powder	Fine Green	UV
Taste	Algae flavor	Algae flavor	GB19643
Outward appearance	Uniform powder	Uniform powder	GB19643
impurities	No visible impurities	No visible	GB19643
Density	≤0.5g/cm ³	0.48g/cm ³	GB19643
Mesh size	> 80mesh	100mesh	Q/EQKC0001S
Moisture %	≤7.0	5.85	GB/T16919-1997
Protein, %	≥50	54.1	GB5009.5-2010
Ash, %	≤7	5.79	GB5009.4-2010
Chlorophyll, mg/100g	≥1500	1561	SN/T1113-2002
Heavy metals			
Hg (Mercury) ,mg/kg	≤0.3	0.02	GB/T5009.17-2003
As (Arsenic) ,mg/kg	≤1.0	0.22	GB/T5009.11-2003
Pb (Lead) ,mg/kg	≤1.0	0.36	GB5009.12-2010
Cd (Cadmium)	≤0.1	0.002	GB/T5009.15-2003
Microbiological			
Total plate count, cfu/g	≤100,000	45,000	GB19643-2016
Moulds and yeasts, cfu/g	≤100	< 10	GB4789.15-2010
E.Coli	≤1.0	< 0.3MPN/g	GB4789.3-2010
Salmonella	Not be detected	No Detected	GB4789.4-2010
Staphylococcus Aureus	Not be detected	Not Detected	GB4789.10-2010
Conclusion	Conforms		
Storage	2 years		

