

Certificate of Analysis

Product Name	Organic Sunflower Seed Protein	Batch No.	QY-OKHZ20240303
Botanical Source	<i>Helianthus annuus</i>	Manufacturing Date	2024-03-03
Plant Part	Seeds	Expiration Date	2026-03-02

Item	Specification	Result	Method
Assay (Dry basis)	Protein 50.0%	54.38%	Kjeldahl
Physical & Chemical Data			
Appearance	Light Yellow to off-white Fine Powder	Conforms	Organoleptic
Odor & Taste	Characteristic	Conforms	
Analytical Quality			
Identification		Identical	TLC
Sieve	NLT 95% Through 80 mesh	Conforms	Mesh Screen
Loss on Drying	≤10.0%	6.79%	CP2020
Ash	≤15.0%	7.22%	CP2020
Fat	≤10.0%	6.85%	CP2020
Bulk Density	0.30~0.70g/ml	Conforms	CP2020
Total Heavy Metals	≤10ppm	Conforms	Colorimetry
Arsenic(As)	≤0.5ppm	Conforms	AAS
Lead(Pb)	≤0.5ppm	Conforms	AAS
Mercury(Hg)	≤0.1ppm	Conforms	AAS
Cadmium(Cd)	≤0.5ppm	Conforms	AAS
Microbiological Tests			
Total Plate Count	≤100,000cfu/g	Conforms	CP2020
Yeast & Mold	≤10,000cfu/g	Conforms	CP2020
Total Coliforms	≤100 mpn/g	Negative	CP2020
E.Coli	Negative	Negative	CP2020
Salmonella	Negative	Negative	CP2020
Staphylococcus	Negative	Negative	CP2020
Conclusion	Conform with specification		

Storage Cool & dry place.Do not freeze.Keep away from strong light and heat.

Shelf Life 24 months under the conditions above and in its original packaging.

Package In double sealed PP bags, 10/25kgs Drum.

Tested by: Mr Chen Date: 2024-03-07