

Certificate of Analysis

Product Name	Black Garlic Extract	Batch No.	DN-HSG20231120
Botanical Source	<i>Allium Sativum</i>	Manufacturing Date	2023-11-20
Plant Part	Bulbs	Expiration Date	2026-11-19

Item	Specification		Result	Method
Assay	10:1		Conforms	TLC
Physical & Chemical Data				
Appearance	Brown Yellow Fine Powder		Conforms	Organoleptic
Odor & Taste	Characteristic		Conforms	
Analytical Quality				
Identification			Identical	TLC
Sieve	NLT 95% Through 80 mesh		Conforms	Mesh Screen
Extract Solvent	Ethanol & Water		Conforms	
Loss on Drying	≤5.0%		3.12%	CP2020
Ash	≤5.0%		3.47%	CP2020
Bulk Density	0.30~0.70g/ml		0.45g/ml	CP2020
Pesticide Residue				
BHC	≤0.2ppm		Conforms	GC-MASS
DDT	≤0.2ppm		Conforms	GC-MASS
PCNB	≤0.1ppm		Conforms	GC-MASS
Total Heavy Metals	≤10ppm		Conforms	Colorimetry
Arsenic(As)	≤2ppm		Conforms	AAS
Lead(Pb)	≤2ppm		Conforms	AAS
Mercury(Hg)	≤0.1ppm		Conforms	AAS
Cadmium(Cd)	≤1ppm		Conforms	AAS
Microbiological Tests				
	Irradiation	Non irradiated		
Total Plate Count	≤1000cfu/g	≤10000cfu/g	Conforms	CP2020
Yeast & Mold	≤100cfu/g	≤300cfu/g	Conforms	CP2020
E.Coli	Negative	Negative	Negative	CP2020
Salmonella	Negative	Negative	Negative	CP2020
Staphylococcus	Negative	Negative	Negative	CP2020
Conclusion	Conform with specification			

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

Shelf Life 36 months under the conditions above and in its original packaging.

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

Tested by: Mr Chen Date: 2023-11-26