

SPECIFICATION

Created Date 2024.4.15 Review Date 2024.4.15 Review By: Grace Version No:01

Product name: Black Garlic Extract			
Botanical Name	<i>Allium Sativum L.</i>	Part	Garlic Bulb
Origin	China	Source	Plant
Extract Solvent	Water		
Item	Standard	Analysis Method	
Appearance	Brown to dark brown fine powder	Visual	
Odor & Taste	Characteristic	Organoleptic	
Typical Analysis			
SAC(S-Allyl-L-Cystein)	≥0.1%	HPLC	
Particle Size	NLT 95% through 80 meshes	Mesh screen	
Loss on drying	≤5.0%	USP 921	
Ash	≤5.0%	USP 281	
Heavy Metals			
Heavy metals	≤ 10ppm	ICP-MS	
Arsenic (As)	≤ 2.0ppm	ICP-MS	
Lead (Pb)	≤ 3.0ppm	ICP-MS	
Cadmium (Cd)	≤ 1.0ppm	ICP-MS	
Mercury (Hg)	≤ 1.0ppm	ICP-MS	
Microorganism			
Total Bacterial Count	<10000cfu/g	USP 2021	
Total Molds Count	<1000cfu/g	USP 2021	
Salmonella	Negative	USP 2022	
E. Coli	Negative	USP 2022	
Package	N.W. 25Kgs/fiber drum and two plastic bags inside.		
Shelf life	2 Year When Properly Stored		
Storage	Store in well-closed container at room temperature, protect from light, moisture and pest infestation.		
Sterilization Method	High-temperature sterilization, Non-irradiated, None-GMO, Non-Allergens, Non-Gluten.		