

SPECIFICATION

Created Date 2024.9.20 Review Date 2024.9.20 Review By: Grace Version No:02

Product name: Black Pepper Extract			
Botanical Name	<i>Piper nigrum L.</i>	Part	Seed
Origin	China	Solvent Used	Water
Item	Standard	Analysis Method	
Appearance	Yellow Brown Powder	Visual	
Odor & Taste	Characteristic	Organoleptic	
Typical Analysis			
Extract Ratio	10:1	TLC	
Particle Size	95% Through 80 mesh	CP2015	
Loss on drying	≤ 1.0%	CP2015 (105 °C, 4 h)	
Sulphated Ash	≤ 1.0%	CP2015	
Benzo(a)pyrene	≤ 10µg/kg	(EU) 2015/1933	
PAH4	≤ 50µg/kg	(EU) 2015/1933	
Heavy Metals			
Heavy metals	≤ 10ppm	Atomic Absorption	
Arsenic (As)	≤ 1.0ppm	Atomic Absorption	
Lead (Pb)	≤ 3.0ppm	Atomic Absorption	
Cadmium (Cd)	≤ 1.0ppm	Atomic Absorption	
Mercury (Hg)	≤ 0.1ppm	Atomic Absorption	
Microorganism			
Total Plate Count	<1000cfu/g	GB 4789.2	
Yeast and Mold	<100cfu/g	GB 4789.15	
Escherichia Coli	<3.0MPN/g	GB 4789.38	
Salmonella	Negative /25g	GB 4789.4	
Package	Packed In 25kgs/Drum		
Shelf life	2 Year When Properly Stored		
Storage	In Tight, Light-resistant and Dry Place. Avoid Direct Sunshine.		