



## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>Broccoli Seed Extract</b>		
<b>Botanical Latin Name</b>	<i>Brassica oleracea L.var.italic Planch.</i>	<b>Plant Part</b>	Seed
<b>Extraction Solvent</b>	Water	<b>Origin</b>	China
<b>Batch Quantity</b>	102kg	<b>Batch Number</b>	20260318
<b>MFG. Date</b>	2026.03.18	<b>Retest Date</b>	2028.03.17

ITEM	SPECIFICATION	RESULT	METHOD
<b>Physical Description</b>			
Appearance	Light Brown Yellow Powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Bulk Density	Slack Density	0.38g/ml	USP616
	Tight Density	0.68g/ml	USP616
Particle Size	95%Through 80 Mesh	Conforms	CP2020
<b>Chemical Tests</b>			
Glucoraphanin	≥13.0%	13.74%	HPLC
Moisture	≤5.0%	1.80%	CP2020 (40°C, 4 h)
Acid-insoluble ash	≤5.0%	0.52%	CP2020
<b>*Heavy Metals</b>			
*Total Heavy Metals	<10 ppm	Conforms	CP2020
*Arsenic (As)	≤2ppm	Conforms	CP2015
*Cadmium(Cd)	≤1ppm	Conforms	CP2015
*Mercury(Hg)	≤0. 1ppm	Conforms	CP2015
*Lead (Pb)	≤3ppm	Conforms	CP2015
<b>Microbiology Control</b>			
Aerobic Bacterial Count	≤1,000 CFU/g	Conforms	GB4789.2
Yeast	≤100 CFU/g	Conforms	GB4789.15
Mold	≤100 CFU/g	Conforms	GB4789.15
Escherichia Coli	<3.0MPN/g	Conforms	GB4789.38
Salmonella	Not Detected	Conforms	GB4789.4
Staphylococcus Aureus	Not Detected	Conforms	GB4789.10
<b>Conclusion</b>	Conforms to Specification		
<b>Storage</b>	Store in tightly sealed and preferably full containers in cool, dry and ventilated area.		
<b>Shelf Life</b>	24 months when properly stored.		
<b>Status</b>	Natural; Non-Irradiation.		
<b>Remarks: The items with* are tested periodically.</b>			