Henan Tenfeng Technology Co., Ltd.

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Certificate of Analysis

Product Name:	Broccoli Seed Extract	**Botanical Source:**	Brassica oleracea L.var.italic Planch.
Batch Quantity:	102 kg	**Batch Number:**	20260318
Mfg Date:	2026.03.18	**Exp Date:**	2028.03.17
Composition:	Broccoli Seed Extract 100% carrier-free	**Part Used**	Seed

Analysis Item	Specification	Result	Method
Glucoraphanin	≥13.0%	13.74%	HPLC
Color	Light Brown Yellow Powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Appearance	Fine loose powder, no caking	Conforms	Visual
Sieve Analysis	≥95% pass 80 mesh	Conforms	Sieve method
Loss on Drying	≤5.0%	1.80%	CP2020
Ash	≤5.0%	0.52%	CP2020
Arsenic (As)	≤0.30 mg/kg	<0.05 mg/kg	GB 5009.11
Lead (Pb)	≤0.30 mg/kg	<0.05 mg/kg	GB 5009.12
Cadmium (Cd)	≤0.05 mg/kg	<0.02 mg/kg	GB 5009.15
Mercury (Hg)	≤0.01 mg/kg	<0.01 mg/kg	GB 5009.17
Total Plate Count	n=5,c=2,m=10^4 CFU/g,M=5x10^4 CFU/g	<10 CFU/g	GB 4789.2
E. coli	n=5,c=2,m=10 MPN/g, M=10^2 MPN/g	<10 MPN/g	GB 4789.3
Mold	≤20 CFU/g	<10 CFU/g	GB 4789.15
Yeast	≤20 CFU/g	<10 CFU/g	GB 4789.15
Salmonella	Not detected / 25 g	Not detected	GB 4789.4
Staphylococcus aureus	Not detected	Not detected	GB 4789.10

Conclusion	Conforms to specification; approved for release.
Storage	Store in a cool, dry and well-ventilated place. Avoid direct sunlight and high temperature.
Shelf Life	2 years when sealed and properly stored.
Carrier	None

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Analyst: Juanli Corrector: Lili QC Manager: Jupeng Zhang