

Certificate of Analysis

Product Name	Broccoli Seed Extract(Glucoraphanin Plus)	Product Code	BPE13
Part of Use	Seed	Latin Name	<i>Brassica oleracea var.italica</i>
Manufacturing Origin	China	Batch Quantity	25kg
Lot Number	SBPE13250402	Material Origin	China
Certificate Date	Apr 30 th ,2025	Manufacture Date	Apr 21 st ,2025
		Expiry Date	Apr 20 th ,2027

ITEMS	SPECIFICATIONS	RESULTS	METHOD
Organoleptic Tests			
Appearance	Light yellow fine powder	Conform	Organoleptic
Odor & Taste	Mild,characteristic of broccoli	Conform	Organoleptic
Physical Characteristics			
Loss on Drying	≤8.0%	4.80%	GB 5009.3
Assay			
Glucoraphanin with Myrosinase	≥13.0%	13.57%	Internal method(HPLC)
Sulforaphane	≥26 mg/g	28.3mg/g	Internal method(HPLC)
Impurity			
Arsenic (As)	≤1.0 mg/kg	<0.04 mg/kg	GB 5009.11
Lead (Pb)	≤0.5 mg/kg	Negative	GB 5009.12
Cadmium (Cd)	≤0.2 mg/kg	<0.003 mg/kg	GB 5009.15
Mercury (Hg)	≤0.1 mg/kg	Negative	GB 5009.17
Microbiological Characteristics			
Total Plate Count	≤10000 cfu/g	<100 cfu/g	GB 4789.2
Yeast and Mold	≤100 cfu/g	<100 cfu/g	GB 4789.15
Coliforms	≤0.4 MPN/g	<0.3	GB 4789.3
Escherichia coli	≤0.4 MPN/g	<0.3	GB 4789.38
Salmonella enterica	0/25g	Negative	GB 4789.4
S.aureus	0/25g	Negative	GB 4789.10
Conclusion	QUALIFIED		
Package	Pack in fiber-drums and two plastic-bags inside.		
Shelf Life	2 years under good storage condition.		
Storage	Store in tightly sealed containers in cool and dry place.		