



Address: East of Tianmu Road, Laiyang Development Zone, Yantai City, Shandong Province, 265200, China

Certificate of Analysis

Product Name: Sulforaphane 0.5% (Broccoli Extract)	CAS No.: 4478-93-7
Formula: C ₆ H ₁₁ NOS ₂	Formula Weight: 177.29
Production Date: January 22, 2024	Batch No.: 24012215
Expiry Date: January 21, 2026	Batch Size: 100 kg

Test Item	Specification	Result	Test Method
Appearance	Yellowish powder	Conforms	Visual
Odor	It has the taste and smell of Sulforaphane	Conforms	Organoleptic
L-Sulforaphane%	0.48%~0.55%	0.51%	BTS-CFR008-01
Loss on drying	≤5.0%	1.45%	Eur.Ph.7.0 [2.8.17]
Heavy Metal			
Heavy Metal	≤10 ppm	Conforms	ICP-MS
Lead (Pb)	≤2 ppm	Conforms	ICP-MS
Arsenic(As)	≤0.2 ppm	Conforms	ICP-MS
Cadmium (Cd)	≤1 ppm	Conforms	ICP-MS
Mercury (Hg)	≤0.1 ppm	Conforms	ICP-MS
Microbiological Tests			
Total Microbial Count	≤1000 CFU/g	Conforms	AOAC 990.12
Mold and Yeast	≤100 CFU/g	Conforms	AOAC 997.02
<i>E. Coli.</i>	Negative/10g	Conforms	AOAC 991.14
Conclusion	Comply with Required Standards.		
Packing	Pack in paper-drums and two plastic bags inside. Net weight: 25kg/drum		
Shelf Life	24 months if store under the conditions above and stay in original packaging.		
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area. Freeze. Do no store above -20°C(-4°F).		

QC Manager: Yanxia Li

Analyst: Fan Sun

