

CERTIFICATE OF ANALYSIS

Product name:	Crucifers Extract (Indole-3-Carbinol)		
CAS No.	700-06-1		
Batch Number:	NF-20200105	Manu. Date:	Jan. 05, 2020
Net Weight:	500.00kg	Expiration Date:	Jan.04, 2022
Storage Condition:	Preserve in tight containers at controlled in 4℃-8℃. Keep away from strong light and heat.		

Item	Specification	Result
Appearance	Off-white crystal powder	Off-white crystal powder
Identification	HPLC, NMR	Conforms
Loss on Drying	≤1.0%	0.43%
Melting point	88℃ ~ 94℃	89.2℃ ~ 90.0℃
Total Ash	≤5.0%	Conforms
Residual on Ignition	≤3.0%	2.29%
Residual Solvents	Ethanol≤ 0.5%	Negative
	Toluene / Benzene	Negative
Total Heavy Metals		
Pb	≤2.0ppm	Conforms
As	≤1.0ppm	Conforms
Related substances		
Any other single impurity	≤ 0.8%	0.52%
Total impurities	≤ 2.0%	1.05%
Microbiological limits		
Total Plate Count	≤1000cfu/g	Conforms
Total Yeast & Mold	≤100cfu/g	Conforms
Total Coliforms	Negative	Negative
E.Coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative
Assay (HPLC)	98.00%	99.51%
Conclusion:	Conform to In-house specifications.	
Inspector:	Dou Lijun	Checker: Niu Jicheng

