



NATURAL POLAND

28/07/2025

CERTIFICATE OF ANALYSIS

Product Name	3,3-Diindolylmethane		
CAS No	1968-05-4	Batch quantity	1100kg
Batch Number	HB-EYDJW20250701	Manufacture Date	2025-07-01
Report Date	2025-07-05	Expiry Date	2028-06-30
Storage condition	Store in cool & dry place, keep away from strong light and heat under 4°C		

Item of Analysis	Specification	Results	Test Methods
Content	≥99.0%	99.55%	HPLC
Organoleptic			
Appearance	Off-white to white crystalline powder	Conforms	Organoleptic
Color	Brown Yellow Fine Powder	Conforms	Organoleptic
Odor	Characteristic	Conforms	CP2020
Taste	Characteristic	Conforms	CP2020
Physical Characteristics			
Particle Size	98% pass 80 mesh	80MESH	CP2020
Loss on drying	0.5%NMT (%)	0.34%	USP<731>
Melting point	165.0°C ~ 169.0°C	168°C	CP2020
Bulk Density	45-60g/100mL	48g/100mL	CP2020IA
Residue of Solvents	None	Conform	NLS-QCS-1007
Heavy metals			
Total Heavy Metals	10ppm Max	Conform	USP<231>method II
Lead (Pb)	1ppm NMT	Conform	ICP-MS
Arsenic (As)	2ppm NMT	Conform	ICP-MS
Cadmium (Cd)	2ppm NMT	Conform	ICP-MS
Mercury (Hg)	1ppm NMT	Conform	ICP-MS
Benzene	Without benzene	Not detected	ICP-MS
Solvent residue	Methanol ≤ 3000ppm	Conform	ICP-MS
Microbiological Tests			
Total Plate Count	1000cfu/g Max	Conform	USP<61>
Yeast & Mold	100cfu/g Max	Conform	USP<61>
E. Coli.	Negative	Conform	USP<61>
Salmonella	Negative	Conform	USP<61>
Staphylococcus	Negative	Conform	USP<61>

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 36 months if store under the conditions above and stay in original packaging.