

CERTIFICATE OF ANALYSIS

Product Name:	3,3'-Diindolylmethane		
CAS NO.:	1968-05-4	Standard:	In-house Standard
Batch Number:	20210618	Manuf. Date:	Jun.18, 2021
Quantity:	1000kg	Expiration Date:	Jun.17, 2023
Storage Condition:	Store in a well-closed container away from moisture.		

TEST ITEM	SPECIFICATION	RESULTS
Appearance	White to off-white crystalline powder	Conforms
Identification	Positive reaction	Conforms
Physical & Chemical Characteristics		
Particle size	≥99% pass 80 mesh	100%
Melting point	165°C-169°C	166.5°C-167.5°C
Residue on ignition	≤0.1%	0.08%
Loss on drying	≤0.5%	0.19%
Melamine	Negative	Negative
Heavy Metals	≤10ppm	Conforms
Lead(Pb)	≤1.0ppm	Conforms
Arsenic(As)	≤1.0ppm	Conforms
Mercury(Hg)	≤1.0ppm	Conforms
Cadmium(Cd)	≤1.0ppm	Conforms
Microbiological Tests		
Total plate Count	≤500cfu/g	Conforms
Yeast & Mold	≤100cfu/g	Conforms
E.Coli.	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative
Pseudomonas	Negative	Negative
Assay(HPLC)	≥99.0%	99.15%
Conclusion:	Conform to the In-house Standard	

Tested by: Fangchao Yang

Approved by: Yulian Liu

