

## Certificate of analysis

### 3, 3'-Diindolymethane

CAS No.	1968-05-4	Code	BIOJDIM001
Batch No	XPSD230804	Manufacture Date	Aug.04, 2023
Expiry Date	Aug.03, 2025	Quantity	18Kgs

Testing Items	Specifications	Results
Appearance	White to off-white crystalline powder	Complies
Identification	IR	Complies
Loss on drying	$\leq 0.5\%$	0.10%
Residue on ignition	$\leq 0.1\%$	0.04%
Heavy metal	$\leq 10\text{ppm}$	$< 10\text{ppm}$
Melting range	$165.0^{\circ}\text{C} \sim 169.0^{\circ}\text{C}$	$168.0^{\circ}\text{C} \sim 168.3^{\circ}\text{C}$
Particle size	98% through 80 mesh	Complies
Melamine	Negative	Negative
Microbiological Control	Total plate count $\leq 1000\text{cfu/g}$ Yeasts and Molds $\leq 100\text{cfu/g}$ Total Coliforms $< 10\text{cfu/g}$ Salmonella: Negative E. Coli: Negative Pseudomonas: Negative Staphylococcus: Negative	$< 1000\text{cfu/g}$ $< 100\text{cfu/g}$ $< 10\text{cfu/g}$ Negative Negative Negative Negative
Assay(HPLC)	$\geq 99.0\%$	99.26%
Conclusion	This product conforms to In-house standard	

**\*Storage Condition: Store between 0~8°C, Protect from moisture and light**