



Certificate of Analysis

Product name	1,7-Dimethylxanthine	Manufacture date	May.12.2026
Batch number	SW260512	Analysis date	May.13.2026
Batch quantity	100kg	Expiry date	May.12.2028

Item	Specification	Result
Appearance	White to off-white powder	Conforms
Assay	$\geq 98.0\%$	99.61%
Loss on drying	$\leq 0.5\%$	0.23%
Residue on ignition	$\leq 0.1\%$	0.08%
Heavy Metals	$\leq 20\text{ppm}$	Conforms
Lead(Pb)	$\leq 1.0\text{ppm}$	Conforms
Arsenic(As)	$\leq 1.5\text{ppm}$	Conforms
Cadmium(Cd)	$\leq 0.5\text{ppm}$	Conforms
Mercury(Hg)	$\leq 1.0\text{ppm}$	Conforms
Total Plate Count	$< 1000\text{cfu/g}$	Conforms
Yeast & Mold	$< 100\text{cfu/g}$	Conforms
E.Coli	Negative	Negative
Salmonella	Negative	Negative
S.Aureus	Negative	Negative
Conclusion	Conforming to Enterprise Standard	

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place. keep away from strong light and heat
Shelf life:	2 years when properly stored

Quality Assurance Officer: 李强

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Analyst: 方臻

