



Certificate of Analysis

Product name	1,7-Dimethylxanthine	Manufacture date	Jul.13.2026
Batch number	SW260714	Analysis date	Jul.14.2026
Batch quantity	10kg	Expiry date	Jul.13.2028

Item	Specification	Result
Appearance	White to off-white crystalline powder	Conforms
Specification	99%	Conforms
Odor	Characteristic	Conforms
Particle size	95% pass 80 mesh	Conforms
Loss on drying	≤0.5%	0.22%
Ash	≤0.2%	0.14%
Bulk Density	35-55g/100ml	51g/ml
Heavy metals		
Total Heavy metals	≤10ppm	Conforms
As	≤1ppm	Conforms
Pb	≤2ppm	Conforms
Hg	≤0.5ppm	Conforms
Cd	≤1ppm	Conforms
Microbial		
Total microbacterial count	≤1000cfu/g	Conforms
Yeast & Mould	≤100cfu/g	Conforms
Escherichia Coli presence	Negative	Conforms
Salmonella	Negative	Conforms
Staphylococcus	Negative	Conforms
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

Corrector: 佟丽华

Analyst: 万臻

