

CERTIFICATE OF ANALYSIS

Product Name	DL-Mandelic acid		
CAS NO	90-64-2		
Batch Number	20220216	Manufacture Date	20220216
Report Date	20220216	Expiry Date	20240215

Item of Analysis	Specification	Results
Assay	>99%	99.2%
Appearance	Powder	Conform
Color	White	Conform
Odor	Characteristic	Conform
Taste	Characteristic	Conform
Melting point	118-122°C	120°C
Solubility	150g/L(20°C)	Conform
Loss on drying	<0.2%	0.09%
Single impurity	<0.10%	0.03%
Total ash	<0.50%	0.15%
Total Heavy Metals	<10ppm	Conform
Microbiology		
Total Plate Count	<1,000cfu/g	Conform
Total Yeast & Mold	<100cfu/g	Conform
E. Coli	Negative	Negative
Salmonella	Negative	Negative

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

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

