

Formulators County

Certificate of Analysis

Product:	DL-MANDELIC ACID	Quantity: 1000KGS (25kg/drum)
Batch No.:	M20260505B-1	Inspection Date: May 12, 2026
Mfg. Date:	May 05, 2026	Retest Date: November, 2028

ITEMS	SPECIFICATIONS	RESULTS
Appearance	White crystal	White crystal
Solubility	Soluble in water and ether	Soluble in water and ether
Assay (on dry basis)	99% min	99.96%
Melting Point	117°C ~ 121°C	119.7°C ~ 120.1°C
Specific Rotation $[\alpha]_D^{20}$	$\pm 0.25^\circ$	0°
Transmittance (10% w/v in water)	Not less than 90%	99.2%
Heavy Metals	Not more than 20 ppm	Complies
Turbidity	< 20 NTU	2.87 NTU
Moisture	0.5% max	0.08%

Conclusion: Pass

Checked: _____

Inspector: _____