

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Mandelic Acid/DL-Mandelic Acid
2. Alternative Names	DL-a-Hydroxyphenylacetic acid, Phenylglycollic acid
3. CAS Number	90-64-2
4. Formula	C ₈ H ₈ O ₃
5. Mol Weight	152.15
6. Batch No & Mfg. Date	As mentioned on Label
7. Date Of Exp	3 Years From MFG Date
8. Date of Analysis	June-2024

Item	Specifications	Results
Appearance	White crystalline powder	Complies
Solubility	Soluble in water and ether	Complies
Assay (on dry basis)	99% min	99.86%
Melting point	117°C~121°C	118.6°C~119.2°C
Transmittance(10% w/v water)	Not less than 90%	97.10%
Residue on ignition	0.5% max	0.02%
Turbidity	<20NTU	11.31NTU
Moisture	0.5% max	0.07%