

## Certificate of Analysis (COA)

### Product Information

Product Name:Maleic Anhydride

Product Number:MA-20260403

Batch Number:MA-SH2026040301

Brand:TECHPURE

CAS Number:108-31-6

MDL Number:MFCD00005702

Formula:C<sub>4</sub>H<sub>2</sub>O<sub>3</sub>

Formula Weight:98.06 g/mol

Quality Release Date:03 APR 2026

### Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White to pale yellow	White	-	Visual Inspection
Appearance (Form)	Crystalline powder	Crystalline powder	-	Visual Inspection
Purity (GC)	≥ 99.0%	99.3%	%	Gas Chromatography (GC)
Melting Point	52-55°C	53.0-54.5°C	°C	Melting Point Apparatus
Water Content	≤ 0.2%	0.07%	%	Karl Fischer Titration
Acidity (as Maleic Acid)	≤ 0.1%	0.03%	%	Titration Method
Heavy Metals (Pb)	≤ 0.5 ppm	0.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 0.1 ppm	0.03 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Non-Volatile Residue	≤ 0.05%	0.02%	%	Gravimetric Method

### Certification

This batch of product has been tested in accordance with industrial standards for maleic anhydride and meets all specified requirements. It is qualified for industrial and laboratory use.

Issue Date:03 APR 2026