

Certificate of Analysis (COA)

Product Information

Product Name:Phthalic Anhydride

Product Number:PA-20260402

Batch Number:PA-SH2026040201

Brand:TECHPURE

CAS Number:85-44-9

MDL Number:MFCD00005919

Formula:C₈ H₄O₃

Formula Weight:148.12 g/mol

Quality Release Date:02 APR 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White to off-white	White	-	Visual Inspection
Appearance (Form)	Crystalline powder	Crystalline powder	-	Visual Inspection
Purity (GC)	≥ 99.0%	99.3%	%	Gas Chromatography (GC)
Melting Point	130-134°C	131.5-133.2°C	°C	Melting Point Apparatus
Water Content	≤ 0.2%	0.08%	%	Karl Fischer Titration
Acidity (as Phthalic Acid)	≤ 0.1%	0.04%	%	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 phthalic anhydride and meets all specified requirements. It is qualified for industrial and laboratory use.

Issue Date:02 APR 2026