

Certificate of Analysis (COA)

Product Information

Product Name:Hydroquinone

Product Number:HQ-20260323

Batch Number:HQ-SH2026032301

Brand:TECHPURE

CAS Number:123-31-9

MDL Number:MFCD00002351

Formula:C₆ H₆ O₂

Formula Weight:110.11 g/mol

Quality Release Date:23 MAR 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 (HPLC)	≥ 99.0%	99.3%	%	High Performance Liquid Chromatography (HPLC)
Melting Point	172-175°C	173.0-174.5°C	°C	Melting Point Apparatus
Water Content	≤ 0.5%	0.2%	%	Karl Fischer Titration
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)
Iron (Fe)	≤ 1 ppm	0.3 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Non-Volatile Residue	≤ 0.05%	0.02%	%	Gravimetric Method

Certification

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

Issue Date: 23 MAR 2026