



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name:Ethylene
Product Number:ETH-20260304
Batch Number:ETH-SH2026030401
Brand:TECHPURE
CAS Number:74-85-1
MDL Number:MFCD00008661
Formula:C₂H₄
Formula Weight:28.05 g/mol
Quality Release Date:04 MAR 2026
Physical State:Compressed gas
Storage Pressure (20°C):15 MPa

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Purity (GC)	≥ 99.5%	99.6%	%	Gas Chromatography (GC)
Impurity (Ethane)	≤ 0.3%	0.2%	%	Gas Chromatography (GC)
Impurity (Methane)	≤ 0.1%	0.06%	%	Gas Chromatography (GC)
Water Content	≤ 10 ppm	4 ppm	ppm	Coulometric Karl Fischer Titration
Oxygen Content	≤ 0.05%	0.02%	%	Paramagnetic Oxygen Analyzer
Acetylene Content	≤ 0.01%	0.005%	%	Gas Chromatography (GC)

Certification

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

Issue Date: 04 MAR 2026