



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name Potassium Hydroxide (85% Solid Pellets)

Product Number:KOH-20260214

Batch Number:KOH-SH2026021401

Brand:TECHPURE

CAS Number:1310-58-3

MDL Number:MFCD00003553

Formula:KOH

Formula Weight:56.11 g/mol

Quality Release Date:14 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White	White	-	Visual Inspection
Appearance (Form)	Solid pellets	Solid pellets	-	Visual Inspection
Purity (KOH Content)	≥ 85.0%	85.3%	%	Titration Method
Water Content	≤ 14.0%	13.6%	%	Karl Fischer Titration
Carbonate (as K ₂ CO ₃)	≤ 1.0%	0.5%	%	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)
Iron (Fe)	≤ 1 ppm	0.3 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Non-Volatile Residue	≤ 0.1%	0.05%	%	Gravimetric Method

Certification

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

Issue Date:14 FEB 2026