



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

### Product Information

Product Name Chlorine  
Product Number CL2-20260225  
Batch Number CL2-SH2026022501  
Brand SIGALD  
CAS Number 7782-50-5  
MDL Number MFCD00011213  
Formula Cl<sub>2</sub>  
Formula Weight 70.90 g/mol

Quality Release Date 25 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (State)	Yellowish-green gas	Yellowish-green gas	-	Visual Inspection
Odor	Pungent, irritating	Pungent, irritating	-	Sensory Test
Purity (Cl <sub>2</sub> )	≥ 99.5%	99.8%	%	Gas Chromatography (GC)
Impurity (Oxygen)	≤ 0.2%	0.1%	%	Gas Chromatography (GC)
Impurity (Nitrogen)	≤ 0.2%	0.08%	%	Gas Chromatography (GC)
Moisture Content	≤ 50 ppm	25 ppm	ppm	Coulometric Titration
Hydrogen Chloride (HCl)	≤ 0.1%	0.05%	%	Titration Method

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

**Issue Date: 25 FEB 2026**