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Lee & Man Chemical

Product name: High purity hydrochloric acid

Molecular formula: HCl

Appearance: Clear colorless to light-yellow fuming liquid.

Main uses: Hydrochloric acid is an important inorganic chemical, which is used as an Intermediate and in petroleum production, ore reduction, food processing, Pickling, dyes and metal cleaning.

Analytical standard: HG/T 2778-2009

Technical data: High purity hydrochloric acid meets the following chemical specifications :

Item	Grade	
	Excellent	Pass
H ⁺ (as HCl), w/% ≥	31.0	31.0
Ca (as Ca), mg/L ≤	0.20	0.50
Mg (as Mg), mg/L ≤	0.05	0.10
Fe (as Fe), mg/L ≤	0.30	2.0
Residual, mg/L ≤	15.0	30.0
Free Cl ₂ , mg/L ≤	20.0	40.0

Packaging and storage: High purity hydrochloric acid is packed in polythene or ceramic-laydred tanks with screwed stoppers, which are sealed with acid resisting materials. These tanks are then packed in wooden boxes or cages, which are at least 20 mm from the inlet of the tanks. When hydrochloric acid is transported whit tank tucks, the tanks should be well sealed with acid resisting material. It is prohibited to transport or store hydrochloric acid whit toxic or dangerous chemicals.