



Basic Chemicals

Sales Specification

22° Bé Muriatic Acid (HCl)

Technical Grade

<u>COMPONENT</u>	<u>SPECIFICATIONS</u>
Assay, °Baumé	22.0 min.
Hydrogen Chloride, wt. % as HCl	35.21 min.
Iron, ppm as Fe	3 max.
Sulfate, ppm as SO ₄	60 max.
Heavy Metals as Pb, ppm	1 max.
Arsenic, ppm as As	0.5 max.
Oxidizing Substances, ppm as Cl ₂	10 max.
Color, APHA	30 max.
Extractable Organic Compounds	
Total Organic Compounds (Non-Fluorine-Containing), ppm	5 max.
Fluorinated Organic Compounds, ppm	25 max.
*Residue on Ignition, ppm	80 max.

* According to test requirements appearing in the *National Formulary Current Official Version*

Meets test requirements of the *Food Chemicals Codex*, Current Online Edition

Meets Federal Specification O-H-765E (replaced by ASTM E1146-97)

Meets requirements of ASTM E1146-23

NSF Listed, NSF/ANSI Standard 60 (from Wichita, KS)

This product is not produced under all cGMP requirements as defined by the FDA

CONTAINERS:

Tank Cars - 20,000-gallon, rubber lined

Tank Trucks - 4,500- and 5,000-gallon, rubber lined

Form#: 122 01/2026

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