

Typical Product Specifications & Properties

Hydrochloric Acid - 22 Degrees Baume

CAS Number: : 7647-01-0

Specifications	Limits
Density	1.639 gl (gas, 0 c), 1.194 (liq., -26 c)
HCl Content	36.4% by weight
Color (APHA)	15.0 Max
Lead	0.2 ppm Max
Organics	1.0 ppm Max
Arsenic	0.1 ppm Max
Degrees Baumé	23.0
Free Chlorine	3.0 ppm (as Cl ₂)
Fluoride	2.0 ppm Max
Bromide	50.0 ppm Max
Sulfate	10 ppm Max
Organics	15.0 ppm Max

Specifications	Limits
Calcium	2.0 ppm Max
Iron	0.5 ppm Max
pH	1.1 (0.1 n soln.)
Insolubility	in hydrocarbons
Melting Point	-114.3 c
Odor	pungent odor
Molecular weight	36.46
Color	colorless fuming gas or liquid
Solubility	water, alcohol, ether, benzene
Boiling Point	-84.8 c