

Detrex[®] FCC 23°

23° Baume Food Chemical Codex Grade Hydrochloric Acid

CAS No. 7647-01-0

<u>FCC Parameter</u>	<u>Specification*</u>	<u>Detrex Typical</u>
Assay	36.5 – 38%	37%
Degrees Baume	23°	23°
Specific Gravity	1.1856 – 1.1924	1.1885
Identification	Passes Test	Passes test
Iron	NMT 5 mg/kg	< 0.05 mg/kg
Lead	NMT 1 mg/kg	< 0.0001 mg/kg
Mercury	NMT 0.10 mg/kg	< 0.0001 mg/kg
Oxidizing Substances (as Cl ₂)	NMT 0.003%	< 0.0001%
Reducing Substances (as SO ₃)	NMT 0.007%	< 0.000025%
Sulfate	NMT 0.5%	< 0.00003%
Total Non-Fluorine Containing Organic Compounds	NMT 5 mg/kg including NMT 0.05 mg/kg benzene	< 0.001 mg/kg
Total Fluorinated Organic Compounds	NMT 0.0025%	< 0.0000001%
Color (APHA)	10 APHA	< 10 APHA
<u>Nonvolatile Residue</u>	<u>NMT 0.5%</u>	<u>< 0.1 %</u>

* Meets Food Chemicals Codex 10th Edition Specifications.

*All analytical testing is performed in accordance with the monograph requirements or with validated alternative test methods.