

Detrex[®] FCC 20°

20° Baume Food Chemical Codex Grade Hydrochloric Acid

CAS No. 7647-01-0

<u>FCC Parameter</u>	<u>Specification*</u>	<u>Detrex Typical</u>
Assay	30.45 – 32.45%	31.45%
Degrees Baume	20°	20°
Specific Gravity	1.1554 – 1.1647	1.16
Identification	Passes Test	Passes Test
Color (APHA)	10 APHA	< 10 APHA
Iron	NMT 5 mg/kg	< 5 mg/kg
Lead	NMT 1 mg/kg	< 1 mg/kg
Mercury	NMT 0.10 mg/kg	< 0.10 mg/kg
Oxidizing Substances (as Cl ₂)	NMT 0.003%	< 0.003%
Reducing Substances (as SO ₃)	NMT 0.007%	< 0.007%
Sulfate	NMT 0.5%	< 0.5%
Total Non-Fluorine Containing Organic Compounds	NMT 5 mg/kg NMT 0.05 mg/kg benzene	< 5 mg/kg < 0.05 mg/kg
Total Fluorinated Organic Compounds	NMT 0.0025%	< 0.0025%
<u>Nonvolatile Residue</u>	<u>NMT 0.5%</u>	<u>< 0.5 %</u>

* Meets current Food Chemicals Codex Specifications.

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