

Specification Sheet NF/EP

Detrex[®] NF/EP 20°

20° Baume NF/EP Grade Hydrochloric Acid
CAS No. 7647-01-0

<u>NF Parameter</u>	<u>Specification*</u>	<u>Detrex Typical</u>
Identification	Passes Test	Passes Test
Assay	30.45 – 32.45%	31.45%
Residue on Ignition	0.008%	< 0.001%
Bromide or Iodide	Passes Test	Passes Test
Free Bromine or Chlorine	Passes Test	Passes Test
Sulfate	Passes Test	Passes Test
<u>Sulfite (SO₃)</u>	<u>Passes Test</u>	<u>Passes Test</u>

*Meets USP40-NF35 specifications, US Pharmacopeia Convention

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

*BDL - Barely Detectable Limits

<u>EP Parameter</u>	<u>Specification*</u>	<u>Detrex Typical</u>
Assay	30.45 – 32.45%	31.45%
Appearance	Clear, Colorless fuming liquid.	Passes
Identification A	The solution is strongly acidic.	Passes Test
Identification B	Gives a reaction of chlorides.	Passes Test
Identification C	Complies with limits of assay.	Passes Test
Free Chlorine	NMT 4 ppm	< 1 ppm
Sulfates	NMT 20 ppm	< 0.3 ppm
<u>Residue on Evaporation</u>	<u>0.01% max</u>	<u>< 0.001%</u>

*Meets European Pharmacopoeia 9.2 Specifications

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