

Detrex® NF 10™ 22°

22° Baume NF Grade 10ppb Trace Metal Hydrochloric Acid

CAS No. 7647-01-0

<u>Parameter</u>	<u>Specification*</u>	<u>Detrex Typical</u>
Identification	Passes Test	Passes Test
Assay	34.21 – 36.21%	35.21%
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
Sulfite (SO ₃)	Passes Test	Passes Test

*Meets USP40-NF35 specifications, US Pharmacopeia Convention

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

<u>Trace Metal Element</u>	<u>Specification</u>	<u>Detrex Typical*</u>
Aluminum (Al)	10 ppb max	< 5 ppb
Antimony (Sb)	10 ppb max	< 5 ppb
Arsenic (As)	10 ppb max	< 5 ppb
Barium (Ba)	10 ppb max	< 5 ppb
Beryllium (Be)	10 ppb max	< 5 ppb
Bismuth (Bi)	10 ppb max	< 5 ppb
Boron (B)	10 ppb max	< 5 ppb
Cadmium (Cd)	10 ppb max	< 5 ppb
Calcium (Ca)	10 ppb max	< 5 ppb
Chromium (Cr)	10 ppb max	< 5 ppb
Cobalt (Co)	10 ppb max	< 5 ppb
Copper (Cu)	10 ppb max	< 5 ppb
Gallium (Ga)	10 ppb max	< 5 ppb
Germanium (Ge)	10 ppb max	< 5 ppb
Gold (Au)	10 ppb max	< 5 ppb
Indium (In)	10 ppb max	< 5 ppb
Iron (Fe)	10 ppb max	< 5 ppb
Lead (Pb)	10 ppb max	< 5 ppb
Lithium (Li)	10 ppb max	< 5 ppb
Magnesium (Mg)	10 ppb max	< 5 ppb
Manganese (Mn)	10 ppb max	< 5 ppb
Molybdenum (Mo)	10 ppb max	< 5 ppb
Nickel (Ni)	10 ppb max	< 5 ppb
Niobium (Nb)	10 ppb max	< 5 ppb
Platinum (Pt)	10 ppb max	< 5 ppb
Potassium (K)	10 ppb max	< 5 ppb
Silicon (Si)	10 ppb max	< 5 ppb
Silver (Ag)	10 ppb max	< 5 ppb
Sodium (Na)	10 ppb max	< 5 ppb
Strontium (Sr)	10 ppb max	< 5 ppb
Tantalum (Ta)	10 ppb max	< 5 ppb
Thallium (Tl)	10 ppb max	< 5 ppb
Thorium (Th)	10 ppb max	< 5 ppb
Tin (Sn)	10 ppb max	< 5 ppb
Titanium (Ti)	10 ppb max	< 5 ppb



Specification Sheet NF 10™

Vanadium (V)	10 ppb max	< 5 ppb
Zinc (Zn)	10 ppb max	< 5 ppb
Zirconium (Zr)	10 ppb max	< 5 ppb

*All testing completed with PerkinElmer ICP/MS