



**Electronic Chemicals, Inc.**

## Product Information: Ultra Etch<sup>®</sup> NP 9:1

### Standard Package Information

Container Type:	Bottle
Fill Weight kg	17 kg

Contaminants		specifications	
Assay	HF	4.97 - 5.17	%
Assay	NH <sub>4</sub> F	35.4 - 36.4	%
Surface Tension		< 23	dyn/cm
Chloride	Cl	< 2500	ppb
Nitrate	NO <sub>3</sub>	< 5000	ppb
Phosphate	PO <sub>4</sub>	< 1000	ppb
Sulfate	SO <sub>4</sub>	< 2000	ppb
Aluminum	Al	< 20	ppb
Antimony	Sb	< 5	ppb
Arsenic	As	< 5	ppb
Boron	B	< 10	ppb
Calcium	Ca	< 30	ppb
Chromium	Cr	< 10	ppb
Copper	Cu	< 10	ppb
Gold	Au	< 10	ppb
Iron	Fe	< 50	ppb
Lead	Pb	< 20	ppb
Magnesium	Mg	< 20	ppb
Manganese	Mn	< 10	ppb
Nickel	Ni	< 10	ppb
Potassium	K	< 25	ppb
Sodium	Na	< 50	ppb
Tin	Sn	< 20	ppb
Titanium	Ti	< 20	ppb
Zinc	Zn	< 10	ppb

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