

Product Specification

Product Name:

Buffer oxide etchant (BOE) 8:1

Product No.: PSR49708
Brand: PureSynth
CAS No.: Mixture
Molecular Formula: NA
Molecular Weight: NA

Test	Specification
Appearance	Colorless liquid
Assay (HF)	4.4 - 4.9 wt%
Assay (NH ₄ F)	34 - 38 wt%
pH	3.0 - 5.0
Colour (APHA)	NMT 10
Residue after ignition	NMT 10 ppm
Chloride (Cl)	NMT 2 ppm
Nitrate (NO ₃)	NMT 3 ppm
Sulfate (SO ₄)	NMT 0.5 ppm
Phosphate (PO ₄)	NMT 0.4 ppm
Aluminium (Al)	NMT 3.0 ppb
Barium (Ba)	NMT 1.0 ppb
Boron (B)	NMT 5.0 ppb
Cadmium (Ca)	NMT 1.0 ppb
Calcium (Ca)	NMT 3.0 ppb
Chromium (Cr)	NMT 2.0 ppb
Cobalt (Co)	NMT 2.0 ppb
Copper (Cu)	NMT 5.0 ppb
Gallium (Ga)	NMT 5.0 ppb
Germanium (Ge)	NMT 2.0 ppb
Gold (Au)	NMT 2.0 ppb
Iron (Fe)	NMT 5.0 ppb
Lead (Pb)	NMT 2.0 ppb
Lithium (Li)	NMT 1.0 ppb
Magnesium (Mg)	NMT 1.0 ppb
Manganese (Mn)	NMT 2.0 ppb
Nickel (Ni)	NMT 1.0 ppb
Potassium (K)	NMT 2.0 ppb
Silver (Ag)	NMT 1.0 ppb

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Test	Specification
Sodium (Na)	NMT 5.0 ppb
Strontium (Sr)	NMT 1.0 ppb
Tin (Sn)	NMT 2.0 ppb
Titanium (Ti)	NMT 5.0 ppb
Zinc (Zn)	NMT 2.0 ppb

Specification: OT-1.0-QA/025

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