

BASELINE Perchloric Acid Maximum Specifications and Typical Values

SEASTAR™ BASELINE®		
Product Code	S020201	
	Maximum Specification	Typical Value
Assay (HClO ₄ , w/w):	65 - 71%	69%
Analyte	Trace Impurities in ppt (pg/g)	
Aluminum (Al)	100	< 100
Antimony (Sb)	100	< 50
Arsenic (As)	100	< 100
Barium (Ba)	100	< 20
Beryllium (Be)	100	< 5
Bismuth (Bi)	10	< 2
Cadmium (Cd)	10	< 1
Calcium (Ca)	100	< 10
Cerium (Ce)	10	< 0.05
Cesium (Cs)	10	< 0.05
Cobalt (Co)	100	< 1
Copper (Cu)	100	< 3
Dysprosium (Dy)	10	< 0.01
Erbium (Er)	10	< 0.01
Europium (Eu)	10	< 0.01
Gadolinium (Gd)	10	< 0.01
Gallium (Ga)	10	< 1
Hafnium (Hf)	Information Only	< 0.05
Holmium (Ho)	10	< 0.01
Indium (In)	10	< 1
Iron (Fe)	100	< 10
Lanthanum (La)	10	< 0.05
Lead (Pb)	10	< 1
Lithium (Li)	100	< 1
Lutetium (Lu)	10	< 0.01
Magnesium (Mg)	100	< 5
Manganese (Mn)	100	< 2
Molybdenum (Mo)	100	< 1
Neodymium (Nd)	10	< 0.05
Nickel (Ni)	100	< 10
Niobium (Nb)	Information Only	< 1
Palladium (Pd)	10	< 10
Platinum (Pt)	100	< 1
Potassium (K)	100	< 5
Praseodymium (Pr)	10	< 0.05
Rhodium (Rh)	10	< 1
Rubidium (Rb)	10	< 1
Samarium (Sm)	10	< 0.01
Scandium (Sc)	100	< 1
Silver (Ag)	100	< 2
Sodium (Na)	100	< 5
Strontium (Sr)	100	< 1
Tantalum (Ta)	Information Only	< 10
Tellurium (Te)	10	< 1
Terbium (Tb)	10	< 0.01
Thallium (Tl)	100	< 0.1
Thorium (Th)	10	< 0.05
Thulium (Tm)	10	< 0.01
Tin (Sn)	100	< 10
Titanium (Ti)	100	< 10
Tungsten (W)	Information Only	< 5
Uranium (U)	10	< 0.01
Vanadium (V)	100	< 1
Ytterbium (Yb)	10	< 0.01
Yttrium (Y)	10	< 1
Zinc (Zn)	100	< 5
Zirconium (Zr)	100	< 1