



ICP Standards

ICP Standards

All ICP Standards produced by CPAchem use high-purity metals or salts in sub-boiling distilled acids. The Standards are produced and calibrated under CPAchem's quality system that is:

- ISO 9001 certified
- accredited according to ISO/IEC 17025 - Testing
- accredited according to ISO/IEC 17034 - Reference Material Producer

ICP Single-Element Standards

10 000 mg/l

Ref. Number	Description	Volume	Msr. Unit	Shelf-life (months)	ISO 17034 ISO 17025
C101.5NP.L03	Silver Ag - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C101.5NP.L1	Silver Ag - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C101.5NP.L25	Silver Ag - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C101.5NP.L5	Silver Ag - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C102.5CP.L03	Aluminium Al - 10.00 +/- 0.02 g/l in diluted HCl for ICP	30	ml	12	Yes
C102.5CP.L1	Aluminium Al - 10.00 +/- 0.02 g/l in diluted HCl for ICP	100	ml	12	Yes
C102.5CP.L25	Aluminium Al - 10.00 +/- 0.02 g/l in diluted HCl for ICP	250	ml	12	Yes
C102.5CP.L5	Aluminium Al - 10.00 +/- 0.02 g/l in diluted HCl for ICP	500	ml	12	Yes
C102.5NP.L03	Aluminium Al - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C102.5NP.L1	Aluminium Al - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C102.5NP.L25	Aluminium Al - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C102.5NP.L5	Aluminium Al - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C103.5NP.L03	Arsenic As - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C103.5NP.L1	Arsenic As - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C103.5NP.L25	Arsenic As - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C103.5NP.L5	Arsenic As - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C104.5CP.L03	Gold Au - 10 g/l in diluted HCl for ICP	30	ml	12	Yes
C104.5CP.L1	Gold Au - 10 g/l in diluted HCl for ICP	100	ml	12	Yes
C104.5CP.L25	Gold Au - 10 g/l in diluted HCl for ICP	250	ml	12	Yes
C104.5CP.L5	Gold Au - 10 g/l in diluted HCl for ICP	500	ml	12	Yes
C105.W.L03	Boron B - 10 g/l in H ₂ O for ICP	30	ml	12	Yes
C105.W.L1	Boron B - 10 g/l in H ₂ O for ICP	100	ml	12	Yes
C105.W.L25	Boron B - 10 g/l in H ₂ O for ICP	250	ml	12	Yes
C105.W.L5	Boron B - 10 g/l in H ₂ O for ICP	500	ml	12	Yes
C106.1NP.L1	Barium Ba - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C106.1NP.L25	Barium Ba - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C106.1NP.L5	Barium Ba - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C106.1NP.L03	Barium Ba - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes

Ref. Number	Description	Volume	Msr. Unit	Shelf-life (months)	ISO 17034 ISO 17025
C106.5CP.L03	Barium Ba - 10 g/l in diluted HCl for ICP	30	ml	12	Yes
C106.5CP.L1	Barium Ba - 10 g/l in diluted HCl for ICP	100	ml	12	Yes
C106.5CP.L25	Barium Ba - 10 g/l in diluted HCl for ICP	250	ml	12	Yes
C106.5CP.L5	Barium Ba - 10 g/l in diluted HCl for ICP	500	ml	12	Yes
C107.5N1FP.L03	Beryllium Be - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C107.5N1FP.L1	Beryllium Be - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C107.5N1FP.L25	Beryllium Be - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C107.5N1FP.L5	Beryllium Be - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C108.10NP.L03	Bismuth Bi - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C108.10NP.L1	Bismuth Bi - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C108.10NP.L25	Bismuth Bi - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C108.10NP.L5	Bismuth Bi - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C109.2NP.L03	Calcium Ca - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C109.2NP.L1	Calcium Ca - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C109.2NP.L25	Calcium Ca - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C109.2NP.L5	Calcium Ca - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C110.5NP.L03	Cadmium Cd - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C110.5NP.L1	Cadmium Cd - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C110.5NP.L25	Cadmium Cd - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C110.5NP.L5	Cadmium Cd - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C111.5NP.L03	Cerium Ce - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C111.5NP.L1	Cerium Ce - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C111.5NP.L25	Cerium Ce - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C111.5NP.L5	Cerium Ce - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C112.5NP.L03	Cobalt Co - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C112.5NP.L1	Cobalt Co - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C112.5NP.L25	Cobalt Co - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C112.5NP.L5	Cobalt Co - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C113.5CP.L03	Chromium Cr - 10 g/l in diluted HCl for ICP	30	ml	12	Yes
C113.5CP.L1	Chromium Cr - 10 g/l in diluted HCl for ICP	100	ml	12	Yes
C113.5CP.L25	Chromium Cr - 10 g/l in diluted HCl for ICP	250	ml	12	Yes
C113.5CP.L5	Chromium Cr - 10 g/l in diluted HCl for ICP	500	ml	12	Yes
C113.5NP.L03	Chromium Cr - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C113.5NP.L1	Chromium Cr - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C113.5NP.L25	Chromium Cr - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C113.5NP.L5	Chromium Cr - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C114.2NP.L03	Cesium Cs - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C114.2NP.L1	Cesium Cs - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C114.2NP.L25	Cesium Cs - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C114.2NP.L5	Cesium Cs - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C114.W.L03	Cesium Cs - 10 g/l in H2O for ICP	30	ml	12	Yes
C114.W.L1	Cesium Cs - 10 g/l in H2O for ICP	100	ml	12	Yes
C114.W.L25	Cesium Cs - 10 g/l in H2O for ICP	250	ml	12	Yes
C114.W.L5	Cesium Cs - 10 g/l in H2O for ICP	500	ml	12	Yes
C115.5NP.L03	Copper Cu - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C115.5NP.L1	Copper Cu - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C115.5NP.L25	Copper Cu - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C115.5NP.L5	Copper Cu - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes

Ref. Number	Description	Volume	Msr. Unit	Shelf-life (months)	ISO 17034 ISO 17025
C116.5NP.L03	Dysprosium Dy - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C116.5NP.L1	Dysprosium Dy - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C116.5NP.L25	Dysprosium Dy - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C116.5NP.L5	Dysprosium Dy - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C117.5NP.L03	Erbium Er - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C117.5NP.L1	Erbium Er - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C117.5NP.L25	Erbium Er - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C117.5NP.L5	Erbium Er - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C118.2NP.L03	Europium Eu - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C118.2NP.L1	Europium Eu - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C118.2NP.L25	Europium Eu - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C118.2NP.L5	Europium Eu - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C119.5CP.L03	Iron Fe - 10 g/l in diluted HCl for ICP	30	ml	12	Yes
C119.5CP.L1	Iron Fe - 10 g/l in diluted HCl for ICP	100	ml	12	Yes
C119.5CP.L25	Iron Fe - 10 g/l in diluted HCl for ICP	250	ml	12	Yes
C119.5CP.L5	Iron Fe - 10 g/l in diluted HCl for ICP	500	ml	12	Yes
C119.5NP.L03	Iron Fe - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C119.5NP.L1	Iron Fe - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C119.5NP.L25	Iron Fe - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C119.5NP.L5	Iron Fe - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C120.5NP.L03	Gallium Ga - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C120.5NP.L1	Gallium Ga - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C120.5NP.L25	Gallium Ga - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C120.5NP.L5	Gallium Ga - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C121.5NP.L03	Gadolinium Gd - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C121.5NP.L1	Gadolinium Gd - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C121.5NP.L25	Gadolinium Gd - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C121.5NP.L5	Gadolinium Gd - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C122.5N1FP.L03	Germanium Ge - 10 g/l in diluted HNO ₃ /HF for ICP	30	ml	12	Yes
C122.5N1FP.L1	Germanium Ge - 10 g/l in diluted HNO ₃ /HF for ICP	100	ml	12	Yes
C122.5N1FP.L25	Germanium Ge - 10 g/l in diluted HNO ₃ /HF for ICP	250	ml	12	Yes
C122.5N1FP.L5	Germanium Ge - 10 g/l in diluted HNO ₃ /HF for ICP	500	ml	12	Yes
C123.5N2FP.L03	Hafnium Hf - 10 g/l in diluted HNO ₃ /HF for ICP	30	ml	12	Yes
C123.5N2FP.L1	Hafnium Hf - 10 g/l in diluted HNO ₃ /HF for ICP	100	ml	12	Yes
C123.5N2FP.L25	Hafnium Hf - 10 g/l in diluted HNO ₃ /HF for ICP	250	ml	12	Yes
C123.5N2FP.L5	Hafnium Hf - 10 g/l in diluted HNO ₃ /HF for ICP	500	ml	12	Yes
C124.10NP.L03	Mercury Hg - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C124.10NP.L1	Mercury Hg - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C124.10NP.L25	Mercury Hg - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C124.10NP.L5	Mercury Hg - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C125.5NP.L03	Holmium Ho - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C125.5NP.L1	Holmium Ho - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C125.5NP.L25	Holmium Ho - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C125.5NP.L5	Holmium Ho - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C126.5NP.L03	Indium In - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C126.5NP.L1	Indium In - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C126.5NP.L25	Indium In - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C126.5NP.L5	Indium In - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes

Ref. Number	Description	Volume	Msr. Unit	Shelf-life (months)	ISO 17034 ISO 17025
C127.10CP.L03	Iridium Ir - 10 g/l in diluted HCl for ICP	30	ml	12	Yes
C127.10CP.L1	Iridium Ir - 10 g/l in diluted HCl for ICP	100	ml	12	Yes
C127.10CP.L25	Iridium Ir - 10 g/l in diluted HCl for ICP	250	ml	12	Yes
C127.10CP.L5	Iridium Ir - 10 g/l in diluted HCl for ICP	500	ml	12	Yes
C128.2NP.L03	Potassium K - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C128.2NP.L1	Potassium K - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C128.2NP.L25	Potassium K - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C128.2NP.L5	Potassium K - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C128.W.L03	Potassium K - 10 g/l in H2O for ICP	30	ml	12	Yes
C128.W.L1	Potassium K - 10 g/l in H2O for ICP	100	ml	12	Yes
C128.W.L25	Potassium K - 10 g/l in H2O for ICP	250	ml	12	Yes
C128.W.L5	Potassium K - 10 g/l in H2O for ICP	500	ml	12	Yes
C129.5NP.L03	Lanthanum La - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C129.5NP.L1	Lanthanum La - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C129.5NP.L25	Lanthanum La - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C129.5NP.L5	Lanthanum La - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C130.5NP.L03	Lithium Li - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C130.5NP.L1	Lithium Li - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C130.5NP.L25	Lithium Li - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C130.5NP.L5	Lithium Li - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C131.5NP.L03	Lutetium Lu - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C131.5NP.L1	Lutetium Lu - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C131.5NP.L25	Lutetium Lu - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C131.5NP.L5	Lutetium Lu - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C132.2NP.L03	Magnesium Mg - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C132.2NP.L1	Magnesium Mg - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C132.2NP.L25	Magnesium Mg - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C132.2NP.L5	Magnesium Mg - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C133.5CP.L03	Manganese Mn - 10 g/l in diluted HCl for ICP	30	ml	12	Yes
C133.5CP.L1	Manganese Mn - 10 g/l in diluted HCl for ICP	100	ml	12	Yes
C133.5CP.L25	Manganese Mn - 10 g/l in diluted HCl for ICP	250	ml	12	Yes
C133.5CP.L5	Manganese Mn - 10 g/l in diluted HCl for ICP	500	ml	12	Yes
C133.5NP.L03	Manganese Mn - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C133.5NP.L1	Manganese Mn - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C133.5NP.L25	Manganese Mn - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C133.5NP.L5	Manganese Mn - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C134.4AP.L03	Molybdenum Mo - 10 g/l in NH3 for ICP	30	ml	12	Yes
C134.4AP.L1	Molybdenum Mo - 10 g/l in NH3 for ICP	100	ml	12	Yes
C134.4AP.L25	Molybdenum Mo - 10 g/l in NH3 for ICP	250	ml	12	Yes
C134.4AP.L5	Molybdenum Mo - 10 g/l in NH3 for ICP	500	ml	12	Yes
C134.5N4FP.L03	Molybdenum Mo - 10 g/l in diluted HNO3/HF for ICP	30	ml	12	Yes
C134.5N4FP.L1	Molybdenum Mo - 10 g/l in diluted HNO3/HF for ICP	100	ml	12	Yes
C134.5N4FP.L25	Molybdenum Mo - 10 g/l in diluted HNO3/HF for ICP	250	ml	12	Yes
C134.5N4FP.L5	Molybdenum Mo - 10 g/l in diluted HNO3/HF for ICP	500	ml	12	Yes
C135.2NP.L03	Sodium Na - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C135.2NP.L1	Sodium Na - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C135.2NP.L25	Sodium Na - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C135.2NP.L5	Sodium Na - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes

Ref. Number	Description	Volume	Msr. Unit	Shelf-life (months)	ISO 17034 ISO 17025
C135.W.L03	Sodium Na - 10 g/l in H2O for ICP	30	ml	12	Yes
C135.W.L1	Sodium Na - 10 g/l in H2O for ICP	100	ml	12	Yes
C135.W.L25	Sodium Na - 10 g/l in H2O for ICP	250	ml	12	Yes
C135.W.L5	Sodium Na - 10 g/l in H2O for ICP	500	ml	12	Yes
C136.5N5FP.L03	Niobium Nb - 10 g/l in diluted HNO3/HF for ICP	30	ml	12	Yes
C136.5N5FP.L1	Niobium Nb - 10 g/l in diluted HNO3/HF for ICP	100	ml	12	Yes
C136.5N5FP.L25	Niobium Nb - 10 g/l in diluted HNO3/HF for ICP	250	ml	12	Yes
C136.5N5FP.L5	Niobium Nb - 10 g/l in diluted HNO3/HF for ICP	500	ml	12	Yes
C137.5NP.L03	Neodimium Nd - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C137.5NP.L1	Neodimium Nd - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C137.5NP.L25	Neodimium Nd - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C137.5NP.L5	Neodimium Nd - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C138.5NP.L03	Nickel Ni - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C138.5NP.L1	Nickel Ni - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C138.5NP.L25	Nickel Ni - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C138.5NP.L5	Nickel Ni - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C140.005SP.L03	Phosphorus P -10 g/l in diluted H2SO4 for ICP	30	ml	12	Yes
C140.005SP.L1	Phosphorus P -10 g/l in diluted H2SO4 for ICP	100	ml	12	Yes
C140.005SP.L25	Phosphorus P -10 g/l in diluted H2SO4 for ICP	250	ml	12	Yes
C140.005SP.L5	Phosphorus P -10 g/l in diluted H2SO4 for ICP	500	ml	12	Yes
C140.W.L03	Phosphorus P -10 g/l in H2O for ICP	30	ml	12	Yes
C140.W.L1	Phosphorus P -10 g/l in H2O for ICP	100	ml	12	Yes
C140.W.L25	Phosphorus P -10 g/l in H2O for ICP	250	ml	12	Yes
C140.W.L5	Phosphorus P -10 g/l in H2O for ICP	500	ml	12	Yes
C141.5NP.L03	Lead Pb - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C141.5NP.L1	Lead Pb - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C141.5NP.L25	Lead Pb - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C141.5NP.L5	Lead Pb - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C142.10NP.L03	Palladium Pd - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C142.10NP.L1	Palladium Pd - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C142.10NP.L25	Palladium Pd - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C142.10NP.L5	Palladium Pd - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C142.5CP.L03	Palladium Pd - 10 g/l in diluted HCl for ICP	30	ml	12	Yes
C142.5CP.L1	Palladium Pd - 10 g/l in diluted HCl for ICP	100	ml	12	Yes
C142.5CP.L25	Palladium Pd - 10 g/l in diluted HCl for ICP	250	ml	12	Yes
C142.5CP.L5	Palladium Pd - 10 g/l in diluted HCl for ICP	500	ml	12	Yes
C143.5NP.L03	Praseodymium Pr - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C143.5NP.L1	Praseodymium Pr - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C143.5NP.L25	Praseodymium Pr - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C143.5NP.L5	Praseodymium Pr - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C144.10CP.L03	Platinum Pt - 10 g/l in diluted HCl for ICP	30	ml	12	Yes
C144.10CP.L1	Platinum Pt - 10 g/l in diluted HCl for ICP	100	ml	12	Yes
C144.10CP.L25	Platinum Pt - 10 g/l in diluted HCl for ICP	250	ml	12	Yes
C144.10CP.L5	Platinum Pt - 10 g/l in diluted HCl for ICP	500	ml	12	Yes
C145.2NP.L03	Rubidium Rb - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C145.2NP.L1	Rubidium Rb - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C145.2NP.L25	Rubidium Rb - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C145.2NP.L5	Rubidium Rb - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes

Ref. Number	Description	Volume	Msr. Unit	Shelf-life (months)	ISO 17034 ISO 17025
C145.W.L03	Rubidium Rb - 10 g/l in H2O for ICP	30	ml	12	Yes
C145.W.L1	Rubidium Rb - 10 g/l in H2O for ICP	100	ml	12	Yes
C145.W.L25	Rubidium Rb - 10 g/l in H2O for ICP	250	ml	12	Yes
C145.W.L5	Rubidium Rb - 10 g/l in H2O for ICP	500	ml	12	Yes
C146.5NP.L03	Rhenium Re - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C146.5NP.L1	Rhenium Re - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C146.5NP.L25	Rhenium Re - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C146.5NP.L5	Rhenium Re - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C146.W.L03	Rhenium Re - 10 g/l in H2O for ICP	30	ml	12	Yes
C146.W.L1	Rhenium Re - 10 g/l in H2O for ICP	100	ml	12	Yes
C146.W.L25	Rhenium Re - 10 g/l in H2O for ICP	250	ml	12	Yes
C146.W.L5	Rhenium Re - 10 g/l in H2O for ICP	500	ml	12	Yes
C148.10CP.L03	Ruthenium Ru - 10 g/l in diluted HCl for ICP	30	ml	12	Yes
C148.10CP.L1	Ruthenium Ru - 10 g/l in diluted HCl for ICP	100	ml	12	Yes
C148.10CP.L25	Ruthenium Ru - 10 g/l in diluted HCl for ICP	250	ml	12	Yes
C148.10CP.L5	Ruthenium Ru - 10 g/l in diluted HCl for ICP	500	ml	12	Yes
C149.W.L03	Sulphur S - 10.00 +/- 0.02 g/l in H2O for ICP	30	ml	12	Yes
C149.W.L1	Sulphur S - 10.00 +/- 0.02 g/l in H2O for ICP	100	ml	12	Yes
C149.W.L25	Sulphur S - 10.00 +/- 0.02 g/l in H2O for ICP	250	ml	12	Yes
C149.W.L5	Sulphur S - 10.00 +/- 0.02 g/l in H2O for ICP	500	ml	12	Yes
C150.10N2FP.L03	Antimony Sb - 10 g/l in diluted HNO3/HF for ICP	30	ml	12	Yes
C150.10N2FP.L1	Antimony Sb - 10 g/l in diluted HNO3/HF for ICP	100	ml	12	Yes
C150.10N2FP.L25	Antimony Sb - 10 g/l in diluted HNO3/HF for ICP	250	ml	12	Yes
C150.10N2FP.L5	Antimony Sb - 10 g/l in diluted HNO3/HF for ICP	500	ml	12	Yes
C150.20CP.L03	Antimony Sb - 10 g/l in diluted HCl for ICP	30	ml	12	Yes
C150.20CP.L1	Antimony Sb - 10 g/l in diluted HCl for ICP	100	ml	12	Yes
C150.20CP.L25	Antimony Sb - 10 g/l in diluted HCl for ICP	250	ml	12	Yes
C150.20CP.L5	Antimony Sb - 10 g/l in diluted HCl for ICP	500	ml	12	Yes
C151.5NP.L03	Scandium Sc - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C151.5NP.L1	Scandium Sc - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C151.5NP.L25	Scandium Sc - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C151.5NP.L5	Scandium Sc - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C152.5NP.L03	Selenium Se - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C152.5NP.L1	Selenium Se - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C152.5NP.L25	Selenium Se - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C152.5NP.L5	Selenium Se - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C153.W.L03	Silicon Si - 10 g/l in H2O for ICP	30	ml	12	Yes
C153.W.L1	Silicon Si - 10 g/l in H2O for ICP	100	ml	12	Yes
C153.W.L25	Silicon Si - 10 g/l in H2O for ICP	250	ml	12	Yes
C153.W.L5	Silicon Si - 10 g/l in H2O for ICP	500	ml	12	Yes
C154.2NP.L03	Samarium Sm - 10 g/l in diluted HNO3 for ICP	30	ml	12	Yes
C154.2NP.L1	Samarium Sm - 10 g/l in diluted HNO3 for ICP	100	ml	12	Yes
C154.2NP.L25	Samarium Sm - 10 g/l in diluted HNO3 for ICP	250	ml	12	Yes
C154.2NP.L5	Samarium Sm - 10 g/l in diluted HNO3 for ICP	500	ml	12	Yes
C155.20CP.L03	Tin Sn - 10 g/l in diluted HCl for ICP	30	ml	12	Yes
C155.20CP.L1	Tin Sn - 10 g/l in diluted HCl for ICP	100	ml	12	Yes
C155.20CP.L25	Tin Sn - 10 g/l in diluted HCl for ICP	250	ml	12	Yes
C155.20CP.L5	Tin Sn - 10 g/l in diluted HCl for ICP	500	ml	12	Yes

Ref. Number	Description	Volume	Msr. Unit	Shelf-life (months)	ISO 17034 ISO 17025
C155.2N2FP.L03	Tin Sn - 10 g/l in diluted HNO ₃ /HF for ICP	30	ml	12	Yes
C155.2N2FP.L1	Tin Sn - 10 g/l in diluted HNO ₃ /HF for ICP	100	ml	12	Yes
C155.2N2FP.L25	Tin Sn - 10 g/l in diluted HNO ₃ /HF for ICP	250	ml	12	Yes
C155.2N2FP.L5	Tin Sn - 10 g/l in diluted HNO ₃ /HF for ICP	500	ml	12	Yes
C156.2CP.L03	Strontium Sr - 10 g/l in diluted HCl for ICP	30	ml	12	Yes
C156.2CP.L1	Strontium Sr - 10 g/l in diluted HCl for ICP	100	ml	12	Yes
C156.2CP.L25	Strontium Sr - 10 g/l in diluted HCl for ICP	250	ml	12	Yes
C156.2CP.L5	Strontium Sr - 10 g/l in diluted HCl for ICP	500	ml	12	Yes
C156.2NP.L03	Strontium Sr - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C156.2NP.L1	Strontium Sr - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C156.2NP.L25	Strontium Sr - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C156.2NP.L5	Strontium Sr - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C157.5N2FP.L03	Tantalum Ta - 10 g/l in diluted HNO ₃ /HF for ICP	30	ml	12	Yes
C157.5N2FP.L1	Tantalum Ta - 10 g/l in diluted HNO ₃ /HF for ICP	100	ml	12	Yes
C157.5N2FP.L25	Tantalum Ta - 10 g/l in diluted HNO ₃ /HF for ICP	250	ml	12	Yes
C157.5N2FP.L5	Tantalum Ta - 10 g/l in diluted HNO ₃ /HF for ICP	500	ml	12	Yes
C158.5NP.L03	Terbium Tb - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C158.5NP.L1	Terbium Tb - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C158.5NP.L25	Terbium Tb - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C158.5NP.L5	Terbium Tb - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C159.20NP.L03	Tellurium Te - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C159.20NP.L1	Tellurium Te - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C159.20NP.L25	Tellurium Te - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C159.20NP.L5	Tellurium Te - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C161.5C05FP.L03	Titanium Ti - 10 g/l in diluted HCl/HF for ICP	30	ml	12	Yes
C161.5C05FP.L1	Titanium Ti - 10 g/l in diluted HCl/HF for ICP	100	ml	12	Yes
C161.5C05FP.L25	Titanium Ti - 10 g/l in diluted HCl/HF for ICP	250	ml	12	Yes
C161.5C05FP.L5	Titanium Ti - 10 g/l in diluted HCl/HF for ICP	500	ml	12	Yes
C161.5N2FP.L03	Titanium Ti - 10 g/l in diluted HNO ₃ /HF for ICP	30	ml	12	Yes
C161.5N2FP.L1	Titanium Ti - 10 g/l in diluted HNO ₃ /HF for ICP	100	ml	12	Yes
C161.5N2FP.L25	Titanium Ti - 10 g/l in diluted HNO ₃ /HF for ICP	250	ml	12	Yes
C161.5N2FP.L5	Titanium Ti - 10 g/l in diluted HNO ₃ /HF for ICP	500	ml	12	Yes
C162.5NP.L03	Thallium Tl - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C162.5NP.L1	Thallium Tl - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C162.5NP.L25	Thallium Tl - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C162.5NP.L5	Thallium Tl - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C163.5NP.L03	Thulium Tm - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C163.5NP.L1	Thulium Tm - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C163.5NP.L25	Thulium Tm - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C163.5NP.L5	Thulium Tm - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C164.5NP.L03	Uranium U - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C164.5NP.L1	Uranium U - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C164.5NP.L25	Uranium U - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C164.5NP.L5	Uranium U - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C165.5NP.L03	Vanadium V - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C165.5NP.L1	Vanadium V - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C165.5NP.L25	Vanadium V - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C165.5NP.L5	Vanadium V - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes

Ref. Number	Description	Volume	Msr. Unit	Shelf-life (months)	ISO 17034 ISO 17025
C165.5SP.L03	Vanadium V - 10 g/l in diluted H ₂ SO ₄ for ICP	30	ml	12	Yes
C165.5SP.L1	Vanadium V - 10 g/l in diluted H ₂ SO ₄ for ICP	100	ml	12	Yes
C165.5SP.L25	Vanadium V - 10 g/l in diluted H ₂ SO ₄ for ICP	250	ml	12	Yes
C165.5SP.L5	Vanadium V - 10 g/l in diluted H ₂ SO ₄ for ICP	500	ml	12	Yes
C166.10AP.L03	Tungsten W - 10 g/l in diluted NH ₃ for ICP	30	ml	12	Yes
C166.10AP.L1	Tungsten W - 10 g/l in diluted NH ₃ for ICP	100	ml	12	Yes
C166.10AP.L25	Tungsten W - 10 g/l in diluted NH ₃ for ICP	250	ml	12	Yes
C166.10AP.L5	Tungsten W - 10 g/l in diluted NH ₃ for ICP	500	ml	12	Yes
C166.2N5FP.L03	Tungsten W - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C166.2N5FP.L1	Tungsten W - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C166.2N5FP.L25	Tungsten W - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C166.2N5FP.L5	Tungsten W - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C167.5NP.L03	Yttrium Y - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C167.5NP.L1	Yttrium Y - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C167.5NP.L25	Yttrium Y - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C167.5NP.L5	Yttrium Y - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C168.5NP.L03	Ytterbium Yb - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C168.5NP.L1	Ytterbium Yb - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C168.5NP.L25	Ytterbium Yb - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C168.5NP.L5	Ytterbium Yb - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C169.5CP.L03	Zinc Zn - 10 g/l in diluted HCl for ICP	30	ml	12	Yes
C169.5CP.L1	Zinc Zn - 10 g/l in diluted HCl for ICP	100	ml	12	Yes
C169.5CP.L25	Zinc Zn - 10 g/l in diluted HCl for ICP	250	ml	12	Yes
C169.5CP.L5	Zinc Zn - 10 g/l in diluted HCl for ICP	500	ml	12	Yes
C169.5NP.L03	Zinc Zn - 10 g/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C169.5NP.L1	Zinc Zn - 10 g/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C169.5NP.L25	Zinc Zn - 10 g/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C169.5NP.L5	Zinc Zn - 10 g/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C170.5C2FP.L03	Zirconium Zr - 10 g/l in diluted HCl/HF for ICP	30	ml	12	Yes
C170.5C2FP.L1	Zirconium Zr - 10 g/l in diluted HCl/HF for ICP	100	ml	12	Yes
C170.5C2FP.L25	Zirconium Zr - 10 g/l in diluted HCl/HF for ICP	250	ml	12	Yes
C170.5C2FP.L5	Zirconium Zr - 10 g/l in diluted HCl/HF for ICP	500	ml	12	Yes
C170.5N2FP.L03	Zirconium Zr - 10 g/l in diluted HNO ₃ /HF for ICP	30	ml	12	Yes
C170.5N2FP.L1	Zirconium Zr - 10 g/l in diluted HNO ₃ /HF for ICP	100	ml	12	Yes
C170.5N2FP.L25	Zirconium Zr - 10 g/l in diluted HNO ₃ /HF for ICP	250	ml	12	Yes
C170.5N2FP.L5	Zirconium Zr - 10 g/l in diluted HNO ₃ /HF for ICP	500	ml	12	Yes