



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

1000 mg/l

Ref. Number	Description	Volume	Msr. Unit	Shelf-life (months)	ISO 17034 ISO 17025
C001.2NP.L03	Silver Ag - 1000 mg/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C001.2NP.L1	Silver Ag - 1000 mg/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C001.2NP.L25	Silver Ag - 1000 mg/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C001.2NP.L5	Silver Ag - 1000 mg/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C002.2CP.L03	Aluminium Al - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C002.2CP.L1	Aluminium Al - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C002.2CP.L25	Aluminium Al - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C002.2CP.L5	Aluminium Al - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C002.2NP.L03	Aluminium Al - 1000 mg/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C002.2NP.L1	Aluminium Al - 1000 mg/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C002.2NP.L25	Aluminium Al - 1000 mg/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C002.2NP.L5	Aluminium Al - 1000 mg/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C003.2NP.L03	Arsenic As - 1000 mg/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C003.2NP.L1	Arsenic As - 1000 mg/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C003.2NP.L25	Arsenic As - 1000 mg/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C003.2NP.L5	Arsenic As - 1000 mg/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C004.2CP.L03	Gold Au - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C004.2CP.L1	Gold Au - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C004.2CP.L25	Gold Au - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C004.2CP.L5	Gold Au - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C005.W.L03	Boron B - 1000 mg/l in H ₂ O for ICP	30	ml	12	Yes
C005.W.L1	Boron B - 1000 mg/l in H ₂ O for ICP	100	ml	12	Yes
C005.W.L25	Boron B - 1000 mg/l in H ₂ O for ICP	250	ml	12	Yes
C005.W.L5	Boron B - 1000 mg/l in H ₂ O for ICP	500	ml	12	Yes
C006.2CP.L03	Barium Ba - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C006.2CP.L1	Barium Ba - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C006.2CP.L25	Barium Ba - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C006.2CP.L5	Barium Ba - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C006.2NP.L03	Barium Ba - 1000 mg/l in diluted HNO ₃ for ICP	30	ml	12	Yes
C006.2NP.L1	Barium Ba - 1000 mg/l in diluted HNO ₃ for ICP	100	ml	12	Yes
C006.2NP.L25	Barium Ba - 1000 mg/l in diluted HNO ₃ for ICP	250	ml	12	Yes
C006.2NP.L5	Barium Ba - 1000 mg/l in diluted HNO ₃ for ICP	500	ml	12	Yes
C007.2CP.L03	Beryllium Be - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C007.2CP.L1	Beryllium Be - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes

Ref. Number	Description	Volume	Msr. Unit	Shelf-life (months)	ISO 17034 ISO 17025
C007.2CP.L25	Beryllium Be - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C007.2CP.L5	Beryllium Be - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C007.2N05FP.L03	Beryllium Be - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C007.2N05FP.L1	Beryllium Be - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C007.2N05FP.L25	Beryllium Be - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C007.2N05FP.L5	Beryllium Be - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C008.10NP.L03	Bismuth Bi - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C008.10NP.L1	Bismuth Bi - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C008.10NP.L25	Bismuth Bi - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C008.10NP.L5	Bismuth Bi - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C009.2CP.L03	Calcium Ca - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C009.2CP.L1	Calcium Ca - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C009.2CP.L25	Calcium Ca - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C009.2CP.L5	Calcium Ca - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C009.2NP.L03	Calcium Ca - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C009.2NP.L1	Calcium Ca - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C009.2NP.L25	Calcium Ca - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C009.2NP.L5	Calcium Ca - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C010.2NP.L03	Cadmium Cd - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C010.2NP.L1	Cadmium Cd - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C010.2NP.L25	Cadmium Cd - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C010.2NP.L5	Cadmium Cd - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C011.2NP.L03	Cerium Ce - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C011.2NP.L1	Cerium Ce - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C011.2NP.L25	Cerium Ce - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C011.2NP.L5	Cerium Ce - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C012.2NP.L03	Cobalt Co - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C012.2NP.L1	Cobalt Co - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C012.2NP.L25	Cobalt Co - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C012.2NP.L5	Cobalt Co - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C013.2CP.L03	Chromium Cr - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C013.2CP.L1	Chromium Cr - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C013.2CP.L25	Chromium Cr - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C013.2CP.L5	Chromium Cr - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C013.2NP.L03	Chromium Cr - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C013.2NP.L1	Chromium Cr - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C013.2NP.L25	Chromium Cr - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C013.2NP.L5	Chromium Cr - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C014.2NP.L03	Cesium Cs - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C014.2NP.L1	Cesium Cs - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C014.2NP.L25	Cesium Cs - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C014.2NP.L5	Cesium Cs - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C014.W.L03	Cesium Cs - 1000 mg/l in H2O for ICP	30	ml	12	Yes
C014.W.L1	Cesium Cs - 1000 mg/l in H2O for ICP	100	ml	12	Yes
C014.W.L25	Cesium Cs - 1000 mg/l in H2O for ICP	250	ml	12	Yes
C014.W.L5	Cesium Cs - 1000 mg/l in H2O for ICP	500	ml	12	Yes
C015.2NP.L03	Copper Cu - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C015.2NP.L1	Copper Cu - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes

Ref. Number	Description	Volume	Msr. Unit	Shelf-life (months)	ISO 17034 ISO 17025
C015.2NP.L25	Copper Cu - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C015.2NP.L5	Copper Cu - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C016.2NP.L03	Dysprosium Dy - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C016.2NP.L1	Dysprosium Dy - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C016.2NP.L25	Dysprosium Dy - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C016.2NP.L5	Dysprosium Dy - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C017.2NP.L03	Erbium Er - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C017.2NP.L1	Erbium Er - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C017.2NP.L25	Erbium Er - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C017.2NP.L5	Erbium Er - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C018.2NP.L03	Europium Eu - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C018.2NP.L1	Europium Eu - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C018.2NP.L25	Europium Eu - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C018.2NP.L5	Europium Eu - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C019.2CP.L03	Iron Fe - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C019.2CP.L1	Iron Fe - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C019.2CP.L25	Iron Fe - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C019.2CP.L5	Iron Fe - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C019.2NP.L03	Iron Fe - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C019.2NP.L1	Iron Fe - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C019.2NP.L25	Iron Fe - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C019.2NP.L5	Iron Fe - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C020.2NP.L03	Gallium Ga - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C020.2NP.L1	Gallium Ga - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C020.2NP.L25	Gallium Ga - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C020.2NP.L5	Gallium Ga - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C021.2NP.L03	Gadolinium Gd - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C021.2NP.L1	Gadolinium Gd - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C021.2NP.L25	Gadolinium Gd - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C021.2NP.L5	Gadolinium Gd - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C022.5N1FP.L03	Germanium Ge - 1000 mg/l in diluted HNO3/HF for ICP	30	ml	12	Yes
C022.5N1FP.L1	Germanium Ge - 1000 mg/l in diluted HNO3/HF for ICP	100	ml	12	Yes
C022.5N1FP.L25	Germanium Ge - 1000 mg/l in diluted HNO3/HF for ICP	250	ml	12	Yes
C022.5N1FP.L5	Germanium Ge - 1000 mg/l in diluted HNO3/HF for ICP	500	ml	12	Yes
C023.2C05FP.L03	Hafnium Hf - 1000 mg/l in diluted HCl/HF for ICP	30	ml	12	Yes
C023.2C05FP.L1	Hafnium Hf - 1000 mg/l in diluted HCl/HF for ICP	100	ml	12	Yes
C023.2C05FP.L25	Hafnium Hf - 1000 mg/l in diluted HCl/HF for ICP	250	ml	12	Yes
C023.2C05FP.L5	Hafnium Hf - 1000 mg/l in diluted HCl/HF for ICP	500	ml	12	Yes
C023.2N1FP.L03	Hafnium Hf - 1000 mg/l in diluted HNO3/HF for ICP	30	ml	12	Yes
C023.2N1FP.L1	Hafnium Hf - 1000 mg/l in diluted HNO3/HF for ICP	100	ml	12	Yes
C023.2N1FP.L25	Hafnium Hf - 1000 mg/l in diluted HNO3/HF for ICP	250	ml	12	Yes
C023.2N1FP.L5	Hafnium Hf - 1000 mg/l in diluted HNO3/HF for ICP	500	ml	12	Yes
C024.10NP.L03	Mercury Hg - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C024.10NP.L1	Mercury Hg - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C024.10NP.L25	Mercury Hg - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C024.10NP.L5	Mercury Hg - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C025.2NP.L03	Holmium Ho - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C025.2NP.L1	Holmium Ho - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes

Ref. Number	Description	Volume	Msr. Unit	Shelf-life (months)	ISO 17034 ISO 17025
C025.2NP.L25	Holmium Ho - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C025.2NP.L5	Holmium Ho - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C026.2NP.L03	Indium In - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C026.2NP.L1	Indium In - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C026.2NP.L25	Indium In - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C026.2NP.L5	Indium In - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C027.10CP.L03	Iridium Ir - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C027.10CP.L1	Iridium Ir - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C027.10CP.L25	Iridium Ir - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C027.10CP.L5	Iridium Ir - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C028.2NP.L03	Potassium K - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C028.2NP.L1	Potassium K - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C028.2NP.L25	Potassium K - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C028.2NP.L5	Potassium K - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C028.W.L03	Potassium K - 1000 mg/l in H2O for ICP	30	ml	12	Yes
C028.W.L1	Potassium K - 1000 mg/l in H2O for ICP	100	ml	12	Yes
C028.W.L25	Potassium K - 1000 mg/l in H2O for ICP	250	ml	12	Yes
C028.W.L5	Potassium K - 1000 mg/l in H2O for ICP	500	ml	12	Yes
C029.2NP.L03	Lanthanum La - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C029.2NP.L1	Lanthanum La - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C029.2NP.L25	Lanthanum La - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C029.2NP.L5	Lanthanum La - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C030.2CP.L03	Lithium Li - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C030.2CP.L1	Lithium Li - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C030.2CP.L25	Lithium Li - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C030.2CP.L5	Lithium Li - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C030.2NP.L03	Lithium Li - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C030.2NP.L1	Lithium Li - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C030.2NP.L25	Lithium Li - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C030.2NP.L5	Lithium Li - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C031.2NP.L03	Lutetium Lu - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C031.2NP.L1	Lutetium Lu - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C031.2NP.L25	Lutetium Lu - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C031.2NP.L5	Lutetium Lu - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C032.2NP.L03	Magnesium Mg - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C032.2NP.L1	Magnesium Mg - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C032.2NP.L25	Magnesium Mg - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C032.2NP.L5	Magnesium Mg - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C033.2CP.L03	Manganese Mn - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C033.2CP.L1	Manganese Mn - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C033.2CP.L25	Manganese Mn - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C033.2CP.L5	Manganese Mn - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C033.2NP.L03	Manganese Mn - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C033.2NP.L1	Manganese Mn - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C033.2NP.L25	Manganese Mn - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C033.2NP.L5	Manganese Mn - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C034.1N1FP.L03	Molybdenum Mo - 1000 mg/l in diluted HNO3/HF for ICP	30	ml	12	Yes
C034.1N1FP.L1	Molybdenum Mo - 1000 mg/l in diluted HNO3/HF for ICP	100	ml	12	Yes

Ref. Number	Description	Volume	Msr. Unit	Shelf-life (months)	ISO 17034 ISO 17025
C034.1N1FP.L25	Molybdenum Mo - 1000 mg/l in diluted HNO3/HF for ICP	250	ml	12	Yes
C034.1N1FP.L5	Molybdenum Mo - 1000 mg/l in diluted HNO3/HF for ICP	500	ml	12	Yes
C034.4AP.L03	Molybdenum Mo - 1000 mg/l in diluted NH3 for ICP	30	ml	12	Yes
C034.4AP.L1	Molybdenum Mo - 1000 mg/l in diluted NH3 for ICP	100	ml	12	Yes
C034.4AP.L25	Molybdenum Mo - 1000 mg/l in diluted NH3 for ICP	250	ml	12	Yes
C034.4AP.L5	Molybdenum Mo - 1000 mg/l in diluted NH3 for ICP	500	ml	12	Yes
C035.2NP.L03	Sodium Na - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C035.2NP.L1	Sodium Na - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C035.2NP.L25	Sodium Na - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C035.2NP.L5	Sodium Na - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C035.W.L03	Sodium Na - 1000 mg/l in Water for ICP	30	ml	12	Yes
C035.W.L1	Sodium Na - 1000 mg/l in Water for ICP	100	ml	12	Yes
C035.W.L25	Sodium Na - 1000 mg/l in Water for ICP	250	ml	12	Yes
C035.W.L5	Sodium Na - 1000 mg/l in Water for ICP	500	ml	12	Yes
C036.5N1FP.L03	Niobium Nb - 1000 mg/l in diluted HNO3/HF for ICP	30	ml	12	Yes
C036.5N1FP.L1	Niobium Nb - 1000 mg/l in diluted HNO3/HF for ICP	100	ml	12	Yes
C036.5N1FP.L25	Niobium Nb - 1000 mg/l in diluted HNO3/HF for ICP	250	ml	12	Yes
C036.5N1FP.L5	Niobium Nb - 1000 mg/l in diluted HNO3/HF for ICP	500	ml	12	Yes
C037.2NP.L03	Neodimium Nd - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C037.2NP.L1	Neodimium Nd - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C037.2NP.L25	Neodimium Nd - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C037.2NP.L5	Neodimium Nd - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C038.2NP.L03	Nickel Ni - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C038.2NP.L1	Nickel Ni - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C038.2NP.L25	Nickel Ni - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C038.2NP.L5	Nickel Ni - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C039.2CP.L03	Osmium Os - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C039.2CP.L1	Osmium Os - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C039.2CP.L25	Osmium Os - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C039.2CP.L5	Osmium Os - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C040.05SP.L03	Phosphorus P -1000 mg/l in diluted H2SO4 for ICP	30	ml	12	Yes
C040.05SP.L1	Phosphorus P -1000 mg/l in diluted H2SO4 for ICP	100	ml	12	Yes
C040.05SP.L25	Phosphorus P -1000 mg/l in diluted H2SO4 for ICP	250	ml	12	Yes
C040.05SP.L5	Phosphorus P -1000 mg/l in diluted H2SO4 for ICP	500	ml	12	Yes
C040.W.L03	Phosphorus P - 1000 mg/l in H2O for ICP	30	ml	12	Yes
C040.W.L1	Phosphorus P - 1000 mg/l in H2O for ICP	100	ml	12	Yes
C040.W.L25	Phosphorus P - 1000 mg/l in H2O for ICP	250	ml	12	Yes
C040.W.L5	Phosphorus P - 1000 mg/l in H2O for ICP	500	ml	12	Yes
C041.2NP.L03	Lead Pb - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C041.2NP.L1	Lead Pb - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C041.2NP.L25	Lead Pb - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C041.2NP.L5	Lead Pb - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C042.5CP.L03	Palladium Pd - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C042.5CP.L1	Palladium Pd - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C042.5CP.L25	Palladium Pd - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C042.5CP.L5	Palladium Pd - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C042.5NP.L03	Palladium Pd - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C042.5NP.L1	Palladium Pd - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes

Ref. Number	Description	Volume	Msr. Unit	Shelf-life (months)	ISO 17034 ISO 17025
C042.5NP.L25	Palladium Pd - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C042.5NP.L5	Palladium Pd - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C043.2NP.L03	Praseodymium Pr - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C043.2NP.L1	Praseodymium Pr - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C043.2NP.L25	Praseodymium Pr - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C043.2NP.L5	Praseodymium Pr - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C044.10CP.L03	Platinum Pt - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C044.10CP.L1	Platinum Pt - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C044.10CP.L25	Platinum Pt - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C044.10CP.L5	Platinum Pt - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C045.2NP.L03	Rubidium Rb - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C045.2NP.L1	Rubidium Rb - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C045.2NP.L25	Rubidium Rb - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C045.2NP.L5	Rubidium Rb - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C045.W.L03	Rubidium Rb - 1000 mg/l in H2O for ICP	30	ml	12	Yes
C045.W.L1	Rubidium Rb - 1000 mg/l in H2O for ICP	100	ml	12	Yes
C045.W.L25	Rubidium Rb - 1000 mg/l in H2O for ICP	250	ml	12	Yes
C045.W.L5	Rubidium Rb - 1000 mg/l in H2O for ICP	500	ml	12	Yes
C046.2NP.L03	Rhenium Re - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C046.2NP.L1	Rhenium Re - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C046.2NP.L25	Rhenium Re - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C046.2NP.L5	Rhenium Re - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C046.W.L03	Rhenium Re - 1000 mg/l in H2O for ICP	30	ml	12	Yes
C046.W.L1	Rhenium Re - 1000 mg/l in H2O for ICP	100	ml	12	Yes
C046.W.L25	Rhenium Re - 1000 mg/l in H2O for ICP	250	ml	12	Yes
C046.W.L5	Rhenium Re - 1000 mg/l in H2O for ICP	500	ml	12	Yes
C047.5CP.L03	Rhodium Rh - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C047.5CP.L1	Rhodium Rh - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C047.5CP.L25	Rhodium Rh - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C047.5CP.L5	Rhodium Rh - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C048.5CP.L03	Ruthenium Ru - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C048.5CP.L1	Ruthenium Ru - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C048.5CP.L25	Ruthenium Ru - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C048.5CP.L5	Ruthenium Ru - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C049.W.L03	Sulphur S - 1000 mg/l in H2O for ICP	30	ml	12	Yes
C049.W.L1	Sulphur S - 1000 mg/l in H2O for ICP	100	ml	12	Yes
C049.W.L25	Sulphur S - 1000 mg/l in H2O for ICP	250	ml	12	Yes
C049.W.L5	Sulphur S - 1000 mg/l in H2O for ICP	500	ml	12	Yes
C050.20CP.L03	Antimony Sb - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C050.20CP.L1	Antimony Sb - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C050.20CP.L25	Antimony Sb - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C050.20CP.L5	Antimony Sb - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C050.5N1FPL03	Antimony Sb - 1000 mg/l in diluted HNO3/HF for ICP	30	ml	12	Yes
C050.5N1FPL1	Antimony Sb - 1000 mg/l in diluted HNO3/HF for ICP	100	ml	12	Yes
C050.5N1FPL25	Antimony Sb - 1000 mg/l in diluted HNO3/HF for ICP	250	ml	12	Yes
C050.5N1FPL5	Antimony Sb - 1000 mg/l in diluted HNO3/HF for ICP	500	ml	12	Yes
C051.2NP.L03	Scandium Sc - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C051.2NP.L1	Scandium Sc - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes

Ref. Number	Description	Volume	Msr. Unit	Shelf-life (months)	ISO 17034 ISO 17025
C051.2NP.L25	Scandium Sc - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C051.2NP.L5	Scandium Sc - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C052.2NP.L03	Selenium Se - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C052.2NP.L1	Selenium Se - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C052.2NP.L25	Selenium Se - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C052.2NP.L5	Selenium Se - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C053.W.L03	Silicon Si - 1000 mg/l in H2O for ICP	30	ml	12	Yes
C053.W.L1	Silicon Si - 1000 mg/l in H2O for ICP	100	ml	12	Yes
C053.W.L25	Silicon Si - 1000 mg/l in H2O for ICP	250	ml	12	Yes
C053.W.L5	Silicon Si - 1000 mg/l in H2O for ICP	500	ml	12	Yes
C054.2NP.L03	Samarium Sm - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C054.2NP.L1	Samarium Sm - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C054.2NP.L25	Samarium Sm - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C054.2NP.L5	Samarium Sm - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C055.1N1FP.L03	Tin Sn - 1000 mg/l in diluted HNO3/HF for ICP	30	ml	12	Yes
C055.1N1FP.L1	Tin Sn - 1000 mg/l in diluted HNO3/HF for ICP	100	ml	12	Yes
C055.1N1FP.L25	Tin Sn - 1000 mg/l in diluted HNO3/HF for ICP	250	ml	12	Yes
C055.1N1FP.L5	Tin Sn - 1000 mg/l in diluted HNO3/HF for ICP	500	ml	12	Yes
C055.20CP.L03	Tin Sn - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C055.20CP.L1	Tin Sn - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C055.20CP.L25	Tin Sn - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C055.20CP.L5	Tin Sn - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C056.2CP.L03	Strontium Sr - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C056.2CP.L1	Strontium Sr - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C056.2CP.L25	Strontium Sr - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C056.2CP.L5	Strontium Sr - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C056.2NP.L03	Strontium Sr - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C056.2NP.L1	Strontium Sr - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C056.2NP.L25	Strontium Sr - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C056.2NP.L5	Strontium Sr - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C057.5N1FP.L03	Tantalum Ta - 1000 mg/l in diluted HNO3/HF for ICP	30	ml	12	Yes
C057.5N1FP.L1	Tantalum Ta - 1000 mg/l in diluted HNO3/HF for ICP	100	ml	12	Yes
C057.5N1FP.L25	Tantalum Ta - 1000 mg/l in diluted HNO3/HF for ICP	250	ml	12	Yes
C057.5N1FP.L5	Tantalum Ta - 1000 mg/l in diluted HNO3/HF for ICP	500	ml	12	Yes
C058.2NP.L03	Terbium Tb - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C058.2NP.L1	Terbium Tb - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C058.2NP.L25	Terbium Tb - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C058.2NP.L5	Terbium Tb - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C059.20CP.L03	Tellurium Te - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C059.20CP.L1	Tellurium Te - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes
C059.20CP.L25	Tellurium Te - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C059.20CP.L5	Tellurium Te - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C059.20NP.L03	Tellurium Te - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C059.20NP.L1	Tellurium Te - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C059.20NP.L25	Tellurium Te - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C059.20NP.L5	Tellurium Te - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C060.2NP.L03	Thorium Th - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C060.2NP.L1	Thorium Th - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes

Ref. Number	Description	Volume	Msr. Unit	Shelf-life (months)	ISO 17034 ISO 17025
C060.2NP.L25	Thorium Th - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C060.2NP.L5	Thorium Th - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C061.5C05FP.L03	Titanium Ti - 1000 mg/l in diluted HCl/HF for ICP	30	ml	12	Yes
C061.5C05FP.L1	Titanium Ti - 1000 mg/l in diluted HCl/HF for ICP	100	ml	12	Yes
C061.5C05FP.L25	Titanium Ti - 1000 mg/l in diluted HCl/HF for ICP	250	ml	12	Yes
C061.5C05FP.L5	Titanium Ti - 1000 mg/l in diluted HCl/HF for ICP	500	ml	12	Yes
C061.5N05FP.L03	Titanium Ti - 1000 mg/l in diluted HNO3/HF for ICP	30	ml	12	Yes
C061.5N05FP.L1	Titanium Ti - 1000 mg/l in diluted HNO3/HF for ICP	100	ml	12	Yes
C061.5N05FP.L25	Titanium Ti - 1000 mg/l in diluted HNO3/HF for ICP	250	ml	12	Yes
C061.5N05FP.L5	Titanium Ti - 1000 mg/l in diluted HNO3/HF for ICP	500	ml	12	Yes
C062.2NP.L03	Thallium Tl - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C062.2NP.L1	Thallium Tl - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C062.2NP.L25	Thallium Tl - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C062.2NP.L5	Thallium Tl - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C063.2NP.L03	Thulium Tm - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C063.2NP.L1	Thulium Tm - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C063.2NP.L25	Thulium Tm - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C063.2NP.L5	Thulium Tm - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C064.2NP.L03	Uranium U - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C064.2NP.L1	Uranium U - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C064.2NP.L25	Uranium U - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C064.2NP.L5	Uranium U - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C065.2NP.L03	Vanadium V - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C065.2NP.L1	Vanadium V - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C065.2NP.L25	Vanadium V - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C065.2NP.L5	Vanadium V - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C065.2SP.L03	Vanadium V - 1000 mg/l in diluted H2SO4 for ICP	30	ml	12	Yes
C065.2SP.L1	Vanadium V - 1000 mg/l in diluted H2SO4 for ICP	100	ml	12	Yes
C065.2SP.L25	Vanadium V - 1000 mg/l in diluted H2SO4 for ICP	250	ml	12	Yes
C065.2SP.L5	Vanadium V - 1000 mg/l in diluted H2SO4 for ICP	500	ml	12	Yes
C066.1N2FP.L03	Tungsten W - 1000 mg/l in diluted HNO3/HF for ICP	30	ml	12	Yes
C066.1N2FP.L1	Tungsten W - 1000 mg/l in diluted HNO3/HF for ICP	100	ml	12	Yes
C066.1N2FP.L25	Tungsten W - 1000 mg/l in diluted HNO3/HF for ICP	250	ml	12	Yes
C066.1N2FP.L5	Tungsten W - 1000 mg/l in diluted HNO3/HF for ICP	500	ml	12	Yes
C066.4AP.L03	Tungsten W - 1000 mg/l in NH3 for ICP	30	ml	12	Yes
C066.4AP.L1	Tungsten W - 1000 mg/l in NH3 for ICP	100	ml	12	Yes
C066.4AP.L25	Tungsten W - 1000 mg/l in NH3 for ICP	250	ml	12	Yes
C066.4AP.L5	Tungsten W - 1000 mg/l in NH3 for ICP	500	ml	12	Yes
C067.2NP.L03	Yttrium Y - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C067.2NP.L1	Yttrium Y - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C067.2NP.L25	Yttrium Y - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C067.2NP.L5	Yttrium Y - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C068.2NP.L03	Ytterbium Yb - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C068.2NP.L1	Ytterbium Yb - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C068.2NP.L25	Ytterbium Yb - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C068.2NP.L5	Ytterbium Yb - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C069.2CP.L03	Zinc Zn - 1000 mg/l in diluted HCl for ICP	30	ml	12	Yes
C069.2CP.L1	Zinc Zn - 1000 mg/l in diluted HCl for ICP	100	ml	12	Yes

Ref. Number	Description	Volume	Msr. Unit	Shelf-life (months)	ISO 17034 ISO 17025
C069.2CP.L25	Zinc Zn - 1000 mg/l in diluted HCl for ICP	250	ml	12	Yes
C069.2CP.L5	Zinc Zn - 1000 mg/l in diluted HCl for ICP	500	ml	12	Yes
C069.2NP.L03	Zinc Zn - 1000 mg/l in diluted HNO3 for ICP	30	ml	12	Yes
C069.2NP.L1	Zinc Zn - 1000 mg/l in diluted HNO3 for ICP	100	ml	12	Yes
C069.2NP.L25	Zinc Zn - 1000 mg/l in diluted HNO3 for ICP	250	ml	12	Yes
C069.2NP.L5	Zinc Zn - 1000 mg/l in diluted HNO3 for ICP	500	ml	12	Yes
C070.2N05FP.L03	Zirconium Zr - 1000 mg/l in diluted HNO3/HF for ICP	30	ml	12	Yes
C070.2N05FP.L1	Zirconium Zr - 1000 mg/l in diluted HNO3/HF for ICP	100	ml	12	Yes
C070.2N05FP.L25	Zirconium Zr - 1000 mg/l in diluted HNO3/HF for ICP	250	ml	12	Yes
C070.2N05FP.L5	Zirconium Zr - 1000 mg/l in diluted HNO3/HF for ICP	500	ml	12	Yes
C070.5C05FP.L03	Zirconium Zr - 1000 mg/l in diluted HCl/HF for ICP	30	ml	12	Yes
C070.5C05FP.L1	Zirconium Zr - 1000 mg/l in diluted HCl/HF for ICP	100	ml	12	Yes
C070.5C05FP.L25	Zirconium Zr - 1000 mg/l in diluted HCl/HF for ICP	250	ml	12	Yes
C070.5C05FP.L5	Zirconium Zr - 1000 mg/l in diluted HCl/HF for ICP	500	ml	12	Yes