

NMIJ CRMs only for National Metrology Institutes and Designated Institutes which are participating in the CIPM MRA

24 February 2023

These CRMs are being distributed through the agent companies under contract with NMIJ.

Please check the list of distributors in our website.

For inquiries about price, shipping charge, the appointed date of delivery, etc, of these CRMs, please contact the distributor who handles the “Inorganic standard solution CRMs”.

Elemental Standard Solutions

Number	Description (Mass fraction: 1000 mg kg⁻¹)
3601-b	Sodium Standard Solution Na(1000)
3602-b	Potassium Standard Solution K(1000)
3603-a	Calcium Standard Solution Ca(1000)
3604-a	Magnesium Standard Solution Mg(1000)
3605-a	Aluminum Standard Solution Al(1000)
3606-a	Copper Standard Solution Cu(1000)
3607-a	Zinc Standard Solution Zn(1000)
3608-a	Lead Standard Solution Pb(1000)
3609-a	Cadmium Standard Solution Cd(1000)
3610-a	Manganese Standard Solution Mn(1000)
3611-b	Iron Standard Solution Fe(1000)
3612-a	Nickel Standard Solution Ni(1000)
3613-a	Cobalt Standard Solution Co(1000)
3614-a	Arsenic Standard Solution As(1000)
3615-a	Antimony Standard Solution Sb(1000)
3616-b	Bismuth Standard Solution Bi(1000)
3618-b	Mercury Standard Solution Hg(1000)
3619-a	Selenium Standard Solution Se(1000)
3620-b	Lithium Standard Solution Li(1000)
3621-a	Barium Standard Solution Ba(1000)
3622-a	Molybdenum Standard Solution Mo(1000)
3623-a	Strontium Standard Solution Sr(1000)
3624-b	Rubidium Standard Solution Rb(1000)
3625-a	Thallium Standard Solution Tl(1000)
3626-a	Tin Standard Solution Sn(1000)
3627-b	Boron Standard Solution B(1000)
3628-b	Cesium Standard Solution Cs(1000)

3629-a	Indium Standard Solution In(1000)
3630-a	Tellurium Standard Solution Te(1000)
3631-b	Gallium Standard Solution Ga(1000)
3632-a	Vanadium Standard Solution V(1000)
3633-a	Titanium Standard Solution Ti(1000)
3636-a	Beryllium Standard Solution Be(1000)
3640-a	Zirconium Standard Solution Zr(1000)
3644-b	Silver Standard Solution Ag(1000)
3645-a	Silicon Standard Solution Si(1000)

Ionic Standard Solutions

Number	Description
3802-a	Chloride Ion Standard Solution Cl ⁻ (1000)
3803-a	Sulfate Ion Standard Solution SO ₄ ²⁻ (1000)
3804-a	Ammonium Ion Standard Solution NH ₄ ⁺ (1000)
3805-a	Nitrite Ion Standard Solution NO ₂ ⁻ (1000)
3806-a	Nitrate Ion Standard Solution NO ₃ ⁻ (1000)
3807-a	Phosphate Ion Standard Solution PO ₄ ³⁻ (1000)
3808-a	Bromide Ion Standard Solution Br ⁻ (1000)
3809-b	Cyanide Ion Standard Solution CN ⁻ (1000)
3811-a	Chlorate Ion Standard Solution ClO ₃ ⁻ (1000)
3812-a	Bromate Ion Standard Solution BrO ₃ ⁻ (2000)

pH Standard Solutions

Number	Description (typical pH value)
5101-b	Oxalate Buffer (1.68)
5102-b	Phthalate Buffer (4.01)
5103-b	Equimolar Phosphate Buffer (6.86)
5104-b	Phosphate Buffer (7.41)
5105-b	Borate Buffer (9.18)
5106-b	Carbonate Buffer (10.01)

Others

Number	Description
3201-a	Hydrochloric Acid (0.1 mol kg ⁻¹)

Contact

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