104.9 - Stable Isotopic Materials (solid and solution forms)

The isotopic composition of these SRMs has been determined by mass spectrometry.

For light stable isotopic materials value assigned on an artifact based scale, see Table 104.10

Materials indicated as NRC License Required or Equivalent, see:

- Radionuclide Calibration Services

SRM	Description	Unit of Issue	Isotopic Measurand	NRC License Required or Equivalent
973	Boric Acid (Acidimetric Standard)	100 g	Boron	--
975a	Isotopic Standard for Chlorine	0.25 g	Chlorine	--
977	Isotopic Standard for Bromine	0.25 g	Bromine	--
978a	Assay-Isotopic Standard for Silver	0.25 g	Silver	--
979	Chromium Isotopic Standard	0.25 g	Chromium	--
980	Isotopic Standard for Magnesium	0.25 g	Magnesium	--
982	Equal-Atom Lead Isotopic Standard	1 g wire	Lead	X
983	Radiogenic Lead Isotopic Standard	1 g wire	Lead	X
984	Rubidium Chloride	0.25 g	Rubidium	--
986	Isotopic Standard for Nickel	0.5 g	Nickel	--
987	Strontium Carbonate Isotopic Standard	1 g	Strontium	--
994	Isotopic Standard for Gallium	0.25 g	Gallium	--
3230	Iodine-129 Isotopic Standard (Low Level)	5 x 5 mL	Iodine	
3231	Iodine-129 Isotopic Standard (High Level)	5 x 5 mL	Iodine	
3328	Lead (Pb) Isotopic Standard Solution	2 x 10 mL	Lead	--
8599	Henderson Molybdenite	10 g	Iodine	--