

RECOMMENDED CONSUMABLES

for Metals and Trace Elements by ICP/MS using EPA 200.8 revision 5.4

This document serves as a quick reference guide for the products called out in sections 6, 7, 8 and 11 of **EPA Method 200.8 revision 5.4**.

In addition to the single-element standards listed in this document, we also offer a range of multi-element standard solutions.

To see the complete list of available multi-element standards, visit our [ICP & AAS standards web page](#).

For product-related questions, reach out to your MilliporeSigma account manager; they will connect you with our environmental testing experts!

Sample Collection

Paragraph	Description	Cat No.
8.1	Sample Collection Bottles	Various

Solvents & Reagents

Paragraph	Description	Cat No.
7.1.1	Nitric Acid Aqueous OmniTrace®	NX0407
7.1.1	Nitric Acid OmniTrace® Ultra	NX0408
7.1.1	Nitric acid 60% Ultrapur	1.01518
7.1.1	Nitric acid 65% Suprapur®	1.00441
7.1.4	Hydrochloric Acid 34-37% OmniTrace®	HX0607
7.1.4	Hydrochloric acid solution OmniTrace® Ultra	HX0608
7.1.4	Hydrochloric acid solution 30% Suprapur®	1.00318
7.1.4	Hydrochloric acid solution 30% Ultrapur	1.01514
7.1.7	Ammonium Hydroxide OmniTrace® Ultra	AX1308
7.1.8	Tartaric acid, ACS Reagent > 99.5%	251380
7.1.8	Tartaric acid for analysis EMSURE®	1.00804
7.2	Milli-Q® IQ 7000 Ultrapure Water System	ZIQ7000T0C
7.2	HPLC grade water	WX0008

Sample Preparation

Paragraph	Description	Cat No.
6.1	Balance	Various
6.2	Temperature adjustable hot plate	Various
6.5	Centrifuge	Various
6.7	Pipettors	Various
6.7	Pipette Tips	Various
6.10.1	Volumetric glassware, class A	Various
6.10.2	Calibrated pipettes	Various
6.10.4	250 mL griffin beaker	CLS1000250
6.10.4	75mm watch glasses	Z509248
6.10.6	140 mL porcelain evaporating dish	Z247588
8.1	pH paper 0 -14	1.09535
8.2	0.45 µm filter	Various
8.2	47 mm filter assemblies	Various
11.1	50 mL Centrifuge tubes - Disposable polypropylene	AXYSCT50ML500

Standards & Reference Materials

Paragraph	Description	Cat No.
7.3.1	Aluminium ICP standard	Various
7.3.2	Antimony ICP standard	Various
7.3.3	Arsenic ICP standard	Various
7.3.4	Barium ICP standard	Various
7.3.5	Beryllium ICP standard	Various
7.3.6	Bismuth ICP standard	Various
7.3.7	Cadmium ICP standard	Various
7.3.8	Chromium ICP standard	Various
7.3.9	Cobalt ICP standard	Various
7.3.10	Copper ICP standard	Various
7.3.11	Gold ICP standard	Various
7.3.12	Indium ICP standard	Various
7.3.13	Lead ICP standard	Various
7.3.14	Magnesium ICP standard	Various
7.3.15	Manganese ICP standard	Various
7.3.16	Mercury ICP standard	Various
7.3.17	Molybdenum ICP standard	Various
7.3.18	Nickel ICP standard	Various
7.3.19	Scandium ICP standard	Various
7.3.20	Selenium ICP standard	Various
7.3.21	Silver ICP standard	Various
7.3.22	Terbium ICP standard	Various
7.3.23	Thallium ICP standard	Various
7.3.24	Thorium ICP standard	1.70391
7.3.25	Uranium ICP standard	1.70360
7.3.26	Vanadium ICP standard	Various
7.3.27	Yttrium ICP standard	Various
7.3.28	Zinc ICP standard	Various

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