

RECOMMENDED CONSUMABLES

for Acidity & Alkalinity Analysis using SM 2310 & 2320 respectively

The purpose of this document is to act as a quick reference for the products called out in the Apparatus and Reagents sections of **Standard Methods 2310 & 2320**. The focus of this list is on the consumable items.

If you have any questions about the products in this document, you can reach out to your account manager, and 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.
2310.3.b	Potassium hydrogen phthalate, primary standard	Various
2310.3.d	Sodium hydroxide solution 30%, Suprapur®	1.05589
2310.3.e	Hydrogen peroxide 30%	Various
2310.3.f	Bromophenol blue, sodium salt	Various
2310.3.g	Metacresol	C85727
2310.3.h	Phenolphthalein Indicator	Various
2310.3.i	Sodium thiosulfate	Various
2320.B.3.a	Sodium Carbonate	Various
2320.B.3.c	Sulfuric acid for 1000 ml, $c(\text{H}_2\text{SO}_4) = 0.05 \text{ mol/l}$ (0.1 N) Titrisol®	109984
2320.B.3.c	Hydrochloric acid solution for 1000 ml, $c(\text{HCl}) = 0.1 \text{ mol/l}$ (0.1 N) Titrisol®	109973
2320.B.3.d	Bromocresol green, sodium salt	Various
2320.B.3.e	Methyl red sodium salt	Various
2320.B.3.e	Ethyl Alcohol, 95% denatured	EX0280
2320.B.3.e	Isopropyl Alcohol	Various

Sample Preparation

Paragraph	Description	Cat No.
2310.2.e	Volumetric Flasks, 1000 mL	Various
2310.2.e	Volumetric Flasks, 200 mL	Various
2310.2.e	Volumetric Flasks, 100 mL	Various
2310.2.f	Borosilicate glass burettes 50 mL	Various
2310.2.f	Borosilicate glass burettes 25 mL	Various
2310.2.f	Borosilicate glass burettes 10 mL	Various
2310.2.g	1L low density polyethylene bottle	Various
2310.2.g	1L high density polyethylene bottle	Various
2310.2.g	1L polypropylene bottle	Various

Merck KGaA
Frankfurter Strasse 250
64293 Darmstadt, Germany

