



Mixed palladium nitrate/magnesium nitrate,  
5190-8340

### Buffers/Ionization Suppressant for Flame AA

#### Supplied in 500 mL bottles

Description	Part No.
Cesium buffer solution Contains 1 % Cs (from carbonate) in 5 % nitric acid	5190-8343
Lanthanum buffer solution – 10 % 100,000 mg/L La in 5 % HNO <sub>3</sub>	5190-8801
Potassium buffer solution – 10 % 100,000 mg/L K in 5 % HNO <sub>3</sub>	5190-9420
Strontium buffer solution – 10 % 100,000 mg/L Sr in 5 % HNO <sub>3</sub>	5190-9419

### Matrix Modifiers for Graphite Furnace AA

Description	Matrix	Part No.
Palladium nitrate, 0.1 % Pd, 100 mL	5 % HNO <sub>3</sub>	5190-8335
Palladium nitrate, 1 % Pd, 100 mL	10 % HNO <sub>3</sub>	5190-8336
Ammonium phosphate, 10 % NH <sub>4</sub> H <sub>2</sub> PO <sub>4</sub> , 100 mL	2 % HNO <sub>3</sub>	5190-8337
Magnesium nitrate, 1 % Mg(NO <sub>3</sub> ) <sub>2</sub> , 100 mL	2 % HNO <sub>3</sub>	5190-8338
Nickel nitrate, 1 % Ni(NO <sub>3</sub> ) <sub>2</sub> , 100 mL	2 % HNO <sub>3</sub>	5190-8339
Palladium nitrate, magnesium nitrate, 750 µg/mL Pd, 500 µg/mL Mg(NO <sub>3</sub> ) <sub>2</sub> , 250 mL	2 % HNO <sub>3</sub>	5190-8340
Palladium nitrate, magnesium nitrate, 1,000 µg/mL Pd, 600 µg/mL Mg(NO <sub>3</sub> ) <sub>2</sub> , 250 mL	2 % HNO <sub>3</sub>	5190-8341
Ammonium phosphate, magnesium nitrate, 10 mg/mL, 600 µg/mL Mg(NO <sub>3</sub> ) <sub>2</sub> , 250 mL	2 % HNO <sub>3</sub>	5190-8342
Triton X-100 surfactant, 50 mL		CP3418

### 1,000 µg/mL Single Element Standards for ICP-OES and MP-AES

Description	Matrix	Part No. 100 mL	Part No. 500 mL
Aluminum (Al)	5 % HNO <sub>3</sub>	5190-8242	5190-8243
Antimony (Sb)	1 % HNO <sub>3</sub> , trace tartaric acid	5190-8244	5190-8245
Arsenic (As)	5 % HNO <sub>3</sub>	5190-8246	5190-8247
Barium (Ba)	5 % HNO <sub>3</sub>	5190-8248	5190-8249
Beryllium (Be)	5 % HNO <sub>3</sub>	5190-8250	5190-8251
Bismuth (Bi)	5 % HNO <sub>3</sub>	5190-8252	5190-8253
Boron (B)	H <sub>2</sub> O	5190-8254	5190-8255
Cadmium (Cd)	5 % HNO <sub>3</sub>	5190-9414	5190-8328

(Continued)