

Modifiers for Graphite Furnace Atomic Absorption (GFAA)

Matrix Modifiers allow the optimization of analytical conditions to provide better GFAA instrument response and better detection limits. All commonly used products are available in addition to custom formulations.

- > Prepared from 99.999% pure starting materials.
- > Matrix Modifier, Ionization Buffers and Releasing Agents are available.
- > Complete Certificate of Analysis listing the actual concentration and the level of metallic impurities.
- > Custom formulations available.
- > Extremely low level of metallic impurities in the final solution.
- > Complete selection of products. Save time & labor by purchasing prepared reagents.
- > Complete documentation for audit purposes.
- > Design for your specific application.

Matrix Modifier	Formulation	Catalog Number		
		100 ml	250 ml	500 ml
Magnesium Nitrate	2% Mg in 5% HNO ₃	140-003-031	140-003-032	140-003-035
Palladium Nitrate	0.2% Pd in 5% HNO ₃	140-003-061	140-003-062	140-003-065
Palladium Nitrate	2% Pd in 5% HNO ₃	140-003-091	140-003-092	140-003-095
Calcium Nitrate	2% Ca in 5% HNO ₃	140-003-121	140-003-122	140-003-125
Ammonium Phosphate	40% W/V in 2% HNO ₃	140-003-151	140-003-152	140-003-155
Ammonium Nitrate	5% W/V in 2% HNO ₃	140-003-181	140-003-182	140-003-185
Nickel Nitrate	5% Ni in 5% HNO ₃	140-003-211	140-003-212	140-003-215
NEW Palladium Magnesium	0.3% Pd+0.2% Mg in 1% HNO ₃	140-003-191	140-003-192	140-003-195

Ionization Buffers				
Cesium Chloride	1% Cs in 2% HCl	140-003-241	140-003-242	140-003-245
Cesium Nitrate	1% Cs in 2% HNO ₃	140-003-271	140-003-272	140-003-275
Lithium Chloride	2% Li in 2% HCl	140-003-301	140-003-302	140-003-305
Lithium Nitrate	2% Li in 2% HNO ₃	140-003-331	140-003-332	140-003-335
Potassium Chloride	1% K in 2% HCl	140-003-361	140-003-362	140-003-365
Potassium Nitrate	1% K in 2% HNO ₃	140-003-391	140-003-392	140-003-395

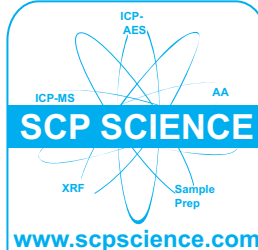
Releasing Agents				
Lanthanum Chloride	5% La in 5% HCl	140-003-421	140-003-422	140-003-425
Lanthanum Nitrate	5% La in 5% HNO ₃	140-003-451	140-003-452	140-003-455

SCP SCIENCE is also offering a large selection of Atomic Absorption Calibration Standards

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