

Chromatographic Grade™ Eluants

Pickering Laboratories eluants are manufactured under strictly controlled conditions to guarantee purity, stability and consistency for a reproducible high quality chromatogram. This quality standard guarantees the resulting chromatogram will be free of any noise and interference.

Lithium and Sodium eluants are not sensitive to oxidation and do not need refrigeration, either in storage or use. Degassing or filtration is not required. However, they should be protected from air to prevent contamination. Ambient air actually contains amines and amino acids that will dissolve in the low-pH eluants and will appear in the chromatograms.

All buffers are packaged in cases of four 950 mL polyethylene bottles. The regenerants are packaged in single 950 mL bottles because of the small volumes used during each analysis. Sample diluents are packaged in cases of four 250 mL borosilicate glass bottles.

Custom Eluants

We develop and manufacture custom eluants for customers who require our “Guaranteed Chemistry” commitment of purity and certified use. Let us make some for you! Call for details.



Amino Acid Analysis, Sodium-Based Solutions	
Catalog No.	Description
Na270	Sodium Eluant, pH 2.80, case of 4 (950 mL/bottle)
Na315	Sodium Eluant, pH 3.15, case of 4 (950 mL/bottle)
Na328	Sodium Eluant, pH 3.28, case of 4 (950 mL/bottle)
Na425	Sodium Eluant, pH 4.25, case of 4 (950 mL/bottle)
Na640	Sodium Eluant, pH 6.40, case of 4 (950 mL/bottle)
Na740	Sodium Eluant, pH 7.40, case of 4 (950 mL/bottle)
1700-0112	Sodium Eluant, pH 3.15, with 5 % Sulfolane, case of 4 (950 mL/bottle)
1700-0114	Sodium Eluant, pH 3.33, with 2.5 % Sulfolane, case of 4 (950 mL/bottle)
RG011	Sodium Column Regenerant, each (950 mL/bottle)
Amino Acid Analysis, Lithium-Based Solutions	
Li275	Lithium Eluant, pH 2.75, case of 4 (950 mL/bottle)
Li280	Lithium Eluant, pH 2.80, case of 4 (950 mL/bottle)
Li292	Lithium Eluant, pH 2.92, case of 4 (950 mL/bottle)
1700-1125	Lithium Eluant, pH 2.80, case of 4 (950 mL/bottle)
Li365	Lithium Eluant, pH 3.65, case of 4 (950 mL/bottle)
Li375	Lithium Eluant, pH 3.75, case of 4 (950 mL/bottle)
Li750	Lithium Eluant, pH 7.50, case of 4 (950 mL/bottle)
RG003	Lithium Column Regenerant, each (950 mL/bottle)
Glyphosate Herbicide Analysis	
K200	Glyphosate Potassium Phosphate Eluant, case of 4 (950 mL/bottle)
RG019	Glyphosate Column Regenerant, each (950 mL/bottle)
Potassium-Based Solutions for ALKION™ Column for Aminoglycoside Antibiotics, Paraquat/Diquat in Water Analysis & Streptomycin	
1700-1101	Potassium Phosphate Eluant, KO1, case of 4 (950 mL/bottle)
1700-1102	Potassium Hydroxide Eluant, KO2, case of 4 (950 mL/bottle)
1700-1103	Potassium Chloride Eluant, KO3, case of 4 (950 mL/bottle)
Biogenic Amines/Polyamines Analysis	
K130	Potassium Column Regenerant, each (950 mL/bottle)
K563	Potassium Phosphate Eluant, pH 5.63, case of 4 (950 mL/bottle)
K600	Potassium Phosphate Eluant, pH 6.00, case of 4 (950 mL/bottle)
Multi-Residue Mycotoxin Analysis	
1700-1108	Sodium Phosphate Eluant, pH 3.30, case of 4 (950 mL/bottle)