

ROMMA
PURE CHEMISTRY



ROMIL High Purity Aqueous Mixes

for instrumental techniques

ROMIL-SpA™ Ion Chromatography Solutions Specifications

IC Eluant, Regenerant & Concentrate mixes

IC Concentrate CHC1 SpA

carbonate/hydrogen carbonate

RJ183

1LT RJ183M
2½LT RJ183L

3 components:
Water (ROMIL H951)
containing
Sodium Carbonate anhydrous 64 mM
Sodium Hydrogen Carbonate 20 mM
Protect from atmospheric CO₂.
Application: Eluant concentrate (20x) for ion chromatography, Metrosep A Supp 5

IC Concentrate DPAN1 SpA

dipicolinic acid/nitric acid

RJ239

1LT RJ239M
2½LT RJ239L

3 components:
Water (ROMIL H951)
containing
Dipicolinic Acid 17 mM
Nitric Acid 17 mM
Protect from atmospheric CO₂.
Application: Eluant concentrate (10x) for ion chromatography, Metrosep C 6

IC Concentrate DPAN2 SpA

dipicolinic acid/nitric acid

RJ328

1LT RJ328M
2½LT RJ328L

3 components:
Water (ROMIL H951)
containing
Dipicolinic Acid 14 mM
Nitric Acid 34 mM
Protect from atmospheric CO₂.
Application: Eluant concentrate (20x) for ion chromatography, Metrosep C 4

IC Concentrate mix PHSF1 SpA

pdca/hydroxide/sulphate/formic acid

RJ812

1LT RJ812M
2½LT RJ812L
Wng H:315-319
P:302+352-305+351+338

5 components:
Water (ROMIL H951)
containing
Pyridine-2,6-dicarboxylic acid (PDCA) 35 mM
Potassium Hydroxide 330 mM
Potassium Sulphate 28 mM
Formic Acid 370 mM
pH after dilution 4.2 ±0.1
Protect from atmospheric CO₂.
Application: Eluant concentrate (5x) for ion chromatography, equivalent to Dionex 046088
Dionex is a registered trademark of Dionex Corporation



IC Diluent mix DHHC1 SpA

dmae/hydroxide/hydrogen carbonate

RJ407

1LT RJ407M
2½LT RJ407L
Dgr H:314-318-335-412
P:280c-260-273-303+361+353-305+351+338-304+340-312

4 components:
Water (ROMIL H951)
containing
2-Dimethylaminoethanol (DMAE) 1 M
Ammonium Hydroxide 0.5 M
Sodium Hydrogen Carbonate 0.3 M
pH 10.4 ±0.2
Absorbance after addition of 4-(2-pyridylazo)resorcinol (PAR) 0.5 mM: 530nm <0.5 AU
Protect from atmospheric CO₂.
Application: Postcolumn diluent solution for ion chromatography for detection of transition metals, equivalent to Dionex 046094
Dionex is a registered trademark of Dionex Corporation



IC Eluant C2 SpA

sodium carbonate 3.6 mM

RJ924

1LT RJ924M
2½LT RJ924L

2 components:
Water (ROMIL H951)
containing
Sodium Carbonate 3.6 mM
Protect from atmospheric CO₂.
Application: Eluant solution for ion chromatography

ROMIL High Purity Aqueous Mixes

for instrumental techniques

ROMIL-SpA™ Ion Chromatography Solutions Specifications

IC Eluant, Regenerant & Concentrate mixes

IC Eluant N2 SpA

nitric acid 7.25 mM

RJ701

1LT RJ701M
2½LT RJ701L

2 components:
Water (ROMIL H951)
containing
Nitric Acid 7.25 mM
Protect from atmospheric CO₂.
Application: Eluant solution for ion chromatography, Metrosep Fast C6

IC Regenerant CHC2 SpA

carbonate/hydrogen carbonate

RJ511

1LT RJ511M
2½LT RJ511L

3 components:
Water (ROMIL H951)
containing
Sodium Carbonate anhydrous 70 mM
Sodium Hydrogen Carbonate 70 mM
Protect from atmospheric CO₂.
Application: Cation suppressor regenerant solution for ion chromatography

IC Regenerant OS1 SpA

oxalate/sulphuric acid

RJ610

1LT RJ610M
2½LT RJ610L

3 components:
Water (ROMIL H951)
containing
Oxalic Acid 100 mM
Sulphuric Acid 500 mM
Protect from atmospheric CO₂.
Application: Anion suppressor regenerant solution for ion chromatography, extends resin life by minimising chelation of transition metals

IC Regenerant RN1 SpA

rubidium/nitric acid

RJ306

1LT RJ306M
2½LT RJ306L

3 components:
Water (ROMIL H951)
containing
Rubidium Nitrate as Rb 1 mg/LT
Nitric Acid 100 mM
Protect from atmospheric CO₂.
Application: Cation suppressor regenerant concentrate (20x) for ion chromatography, Metrosep C Supp 1 & 2

IC Wash solution E2 SpA

edta na2 3 mM

RJ623

500ml RJ623P
1LT RJ623M

2 components:
Water (ROMIL H951)
containing
EDTA di-Sodium salt 3 mM
Protect from atmospheric CO₂.
Application: Wash solution for ion chromatography