Natrix™ 2 & Natrix HT™ Formulation Change

HAMPTON RESEARCH
Solutions for Crystal Growth

HR2-117 & HR2-131

Formulation Change

Natrix 2 lots 211707 to 2117xx where xx > 07 and Natrix HT lots 213113-**-** to 2131xx-**-** where xx >13 have the following formulation for Natrix 2 reagents 1, 2, 3, 4, and 26 (Natrix HT reagent E1, E2, E3, E4 and G2).

Hexammine cobalt(III) chloride concentration was lowered to 0.002 M from 0.020 M. Hampton Research received reports of possible Hexammine cobalt(III) chloride crystals in reagent and drop wells. No such reports had been received for reagents with 0.002 M Hexammine cobalt(III) chloride, so the concentration was lowered from 0.020 to 0.002 to reduce the likelihood for crystals of Hexammine cobalt(III) chloride.

HR2-917-01	**Natrix 2 01 (E1)**	0.04 M Lithium chloride, 0.02 M Magnesium chloride hexahydrate, 0.04 M Sodium cacodylate trihydrate pH 5.5, 30% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.002 M Hexammine cobalt(III) chloride
HR2-917-02	**Natrix 2 02 (E2)**	0.08 M Sodium chloride, 0.02 M Magnesium chloride hexahydrate, 0.04 M Sodium cacodylate trihydrate pH 5.5, 35% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.002 M Hexammine cobalt(III) chloride
HR2-917-03	**Natrix 2 03 (E3)**	0.012 M Sodium chloride, 0.08 M Potassium chloride, 0.04 M Sodium cacodylate trihydrate pH 5.5, 45% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.002 M Hexammine cobalt(III) chloride
HR2-917-04	**Natrix 2 04 (E4)**	0.02 M Magnesium chloride hexahydrate, 0.04 M Sodium cacodylate trihydrate pH 5.5, 40% v/v (+/-)-2-Methyl-2,4-pentanediol, 0.002 M Hexammine cobalt(III) chloride
HR2-917-26	**Natrix 2 26 (G2)**	0.02 M Magnesium chloride hexahydrate, 0.05 M MOPS pH 7.0, 55% v/v Tacsimate™ pH 7.0, 0.002 M Hexammine cobalt(III) chloride

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