

Certificate of Analysis

Product: Red Test Dye
 Product Number: ME-2578D
 Shelf Life: 4 Years
 Storage Conditions: 18 – 25 ° C
 Quantity: 1 X 50 mL

Parameter	Specified Range	Units
Appearance	Clear, free of visible particulate matter	
Sodium	140 ± 6	mmol/L
Potassium	4 ± 0.3	mmol/L
Lithium	1 ± 0.1	mmol/L
Chloride	128 ± 5	mmol/L
Calcium	1.4 ± 0.2	mmol/L
Ab521nm	0.44 ± 0.15	Absorbance units
pH	7.1 ± 0.1	pH units

Details
Function: For troubleshooting fluidics on the Diamond PROLYTE, Medica EasyLyte, IL Ilyte and Menarini SpotLyte Electrolyte Analyzers.
Quality Specifications: Passed
Reagent Contents: An aqueous solution containing salts, dye and a preservative. For <i>in vitro</i> diagnostic use only.

Traceability

Analyte	Standard	Test Method
Sodium	NIST 919b	IL 943 (Flame Photometry)
Potassium	NIST 918b	IL 943 (Flame Photometry)
Lithium	NIST 924a	IL 943 (Flame Photometry)
Chloride	NIST 919b	Corning 925, SAT-500 Salt Analyzer (Titrimetric)
Calcium	NIST 915b	Roche AVL 9180
Ab521nm	OEM Reagent	Beckman DLI520 Spectrophotometer
pH	Secondary Standard, OEM Reagent	Siemens Blood Gas Analyzer (ISE)

Certified by:



Kathy Fisher
 Director, Quality Assurance
 Diamond Diagnostics Inc.