

Certificate of Analysis

Product: Fluid Pack
Product Number: IL-2121D
Shelf Life: 2.5 years
Storage Conditions: 18 – 25 ° C
Quantity: 1 X 800mL, 1 X 180mL, 1 X 80mL

Component	Description	Fill Volume
ME-2121AD	Standard A	800 mL
ME-2121BD	Standard B	180 mL
ME-2121CD	Flush	80 mL

Standard A:

Parameter	Specified Range	Units
Appearance	Clear, free of visible particulate matter	
Sodium	140.0 ± 2	mmol/L
Potassium	4.00 ± 0.05	mmol/L
Lithium	1.00 ± 0.05	mmol/L
Chloride	125 ± 2	mmol/L
pH	7.3 ± 0.1	pH units

Standard B:

Parameter	Specified Range	Units
Appearance	Clear, free of visible particulate matter	
Sodium	35.0 ± 1.5	mmol/L
Potassium	16.0 ± 0.2	mmol/L
Lithium	0.45 ± 0.03	mmol/L
Chloride	41 ± 1.5	mmol/L
pH	7.3 ± 0.1	pH units

Wash:

Parameter	Specified Range	Units
Appearance	Clear, free of visible particulate matter	
pH	3 ± 1	pH units

Details

Function: To provide calibration points for the Na⁺, K⁺, Cl⁻ and Li⁺ electrodes on the Diamond PROLYTE and IL ILyte Electrolyte Analyzers.

Quality Specifications: Passed


Reagent Contents: An aqueous solution containing salt, buffer and preservative.

For *in vitro* 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)
pH	Secondary Standard, OEM Reagent	Siemens Blood Gas Analyzer (ISE)

Certified by:



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