

Flame Calibrators

Calibrators recommended for Professional use in Photometers

Intended Use:

Sodium and Potassium are the major cations of the extra cellular and intracellular fluids respectively. Sodium maintains normal distribution of water and osmotic pressure in various fluid compartments. Potassium influences acid base balance and osmotic pressure including water retention. Increased sodium levels are found in severe dehydration and excessive treatment with sodium salts. Decreased sodium levels are found in severe polyurea, metabolic acidosis, diarrhea and in renal insufficiency. Increased potassium levels are found in renal failure, dehydration, shock and in adrenal insufficiency, decreased potassium levels are found in malnutrition, gastrointestinal fluid loss and in hyperactivity of the adrenal cortex. Flame Calibrators are calibrators recommended for professional use in Photometers.

Flame Calibrator kit components:

L1	Level 1 Na+/K+ (120 / 2.0 mmol/l)
L2	Level 2 Na+/K+ (140 / 4.0 mmol/l)
L3	Level 3 Na+/K+ (160 / 6.0 mmol/l)
Other Accessories	Package Insert

Normal Reference Values:

Sodium	135 - 155 mmol/l
Potassium	3.5 - 5.5 mmol/l

Storage / Stability	Temperature	Duration
Unopened kit	15-30°C	24 months
Opened Kit	15-30°C	24 months

Available Pack Sizes	
3 X 250 ml	4 X 250 ml