BIOBOON BIOTECH LLC

Potassium Test Kit

Colorimetric

For quantitative colorimetric determination of potassium.

- Colorimetric Method
- End Point Reaction
- Room Temperature (RT)
- 05 Minutes Incubation
- 630 nm Wavelength





AUTOMATED PARAMETERS

Wavelength	630 nm
Reaction Type	End Point
Cuvette	1 cm light path
Reaction Temperature	RT
Measurement	Against Reagent Blank
Sample Volume	20 µL
Reagent Volume	1000 µL
Incubation	05 minutes
Blank Absorbance Limit	<0.080
Low Normal at 37°C	3.5 mEq/L
High Normal at 37°C	5.5 mEq/L
Linearity at 37°C	7 mEq/L

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes.

	BLANK	STD	SAMPLE
Sample	—	—	20 µL
Standard	—	20 µL	—
Reagent	1000 µL	1000 µL	1000 µL

Mix and incubate for 05 min at room temperature. Measure absorbance of Sample (AT) and Standard (AS) against Reagent Blank at 630 nm.

SAMPLE DILUTION

Method is linear up to 7 mEq/L. Dilute samples above this concentration 1:1 with 0.9% saline. Repeat assay and multiply the result by 2.

INDIA OFFICE
BIOBOON BIOTECH INDIA LLP
207. Regent Square
2nd floor, Above D'mart shopping mall
Adajan
Surat-395009
Email: info@bioboonbiotech.com

USA ADDRESS
BIOBOON BIOTECH LLC
1526 West 3rd Street,
Plainfield, NJ, 07063
USA
Email: mahipal@bioboonbiotech.com