

# BioSystems

Quality Standard Procedures

## **COMPLEMENT COMPONENT C3**

All test procedures are carried out in BioSystems Clinical Chemistry Analyzer as a Quality Control Department routine.

### REAGENT ABSORBANCE

Read in triplicate working reagent & water absorbance against water.

Result is stated as the mean value of the measured absorbances values.

BRC: *REAGENT ABSORBANCE*

Acceptable range is  $< 0.300$  and is specific per product and the same for each lot.

### ANALYTICAL SENSITIVITY

Read in triplicate the working reagent absorbance with Calibrator Serum or equivalent.

Result is showed as  $\text{mA} / \text{calibrator concentration mean value}$ .

BRC: *SENSITIVITY*

Acceptable range is between  $2.300 - 3.450 \text{ mA.dL/mg}$  and is specific per product and the same for each lot.

### ACCURACY

Measurement in triplicate up to four (4) reference material concentrations (control serum or equivalent). Result is stated as obtained concentration or ratio with Reference Value.

Tolerance: Tolerance ranges assigned to every material or acceptable ratio with reference value.

BRC: *ACCURACY*. Indicate "Correct"

Acceptable range is between  $0.80 - 1.20$ .



BioSystems S.A.

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