

# Technical Data Sheet

**MOLEQULE-ON<sup>®</sup>**

## **MQ Biuret Reagent** **Cat No. BIU-M-001-500**

### **Components**

The Biuret reagent is made of sodium hydroxide (NaOH), copper(II) sulfate hydrate and potassium sodium tartrate.

### **Background**

MQ Biuret Reagent is used to determine total protein in an unknown sample. The reagent reacts with peptide bonds that hold amino acids together which leads to a color change that is directly proportional to the amount of protein in the sample. Biuret is less sensitive than Bradford method and can detect protein level up to 150-1,000 µg/ml. The samples can be read at 540nm.

### **Storage**

Store at 2-8°C

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