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| **Standard (Molecule Test)** | **Indicator Used** | **Description Positive Control (Standard) Test Results** | **Description Negative Control Test Results** |
| glucose | Benedict’s solution | Start- blue  1:00 - yellowish green  1:30- green  1:45- greenish brown  2:00- orange | No color change |
| starch | Lugol’s iodine | dark brown | light orange |
| protein | Biuret reagent | lavender | clear |
| fat | Sudan IV | cream pink | clearish pink |