



415 S Airpark Road
Cottonwood, AZ 86326, USA
Phone: (800) 733-0266
Fax: (928) 649-2306
Email: info@preclaboratories.com

Product Technical Fact Sheet

Product Code: 160

Product Description: Potassium Iodide Starch Test Paper

Application:

The Potassium Iodide Starch test paper is used for testing sanitization and disinfecting levels of free Iodine, total available Chlorine and Peroxides in water. The test papers can be used in facilities where food preparation areas, equipment, and general disinfection are strictly controlled.

Test Range: The upper limits for chlorine and peroxides are between 400 to 450 ppm, and the upper limits for Iodine are at 50 to 100 ppm.

Detection Limit: 5 ppm

Storage Recommendations: Store in original packaging in a cool (20-30C), dry, place out of direct sunlight.

Shelf-Life: Two years from date of manufacture when stored properly in original packaging.

Interferences: Test strip may react to other oxidizing materials, peracetic acid, peroxide, etc.

Instructions for Use:

1. Dip the test paper into solution to be tested.
2. Remove test paper. Blot the test paper if possible.
3. Chlorine and Peroxides react immediately, while Iodine requires approximately 60 seconds. Initial reactions show a slight blue color, while higher concentrations turn the strip from dark blue to purple.

Chemistry Behind the Test:

The test paper is based on the Potassium Iodide Starch reaction. The intensity of the color developed is proportional to the approximate amount of available (total) chlorine present.

Other Information:

The Chlorine test papers were developed to work with solutions prepared from concentrated solutions of sodium hypochlorite.

Disclaimer: The test papers are not intended for use to diagnose, treat, or monitor any medical condition.