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## <271> READILY CARBONIZABLE SUBSTANCES TEST

In tests for readily carbonizable substances, unless otherwise directed, add the specified quantity of the substance, finely powdered if in solid form, in small portions to the comparison container, which is made of colorless glass resistant to the action of sulfuric acid and contains the specified volume of sulfuric acid (see under *Reagent Specifications* in the section *Reagents, Indicators, and Solutions*).

Stir the mixture with a glass rod until solution is complete, allow the solution to stand for 15 minutes, unless otherwise directed, and compare the color of the solution with that of the specified Matching Fluid (see [Color and Achromicity \(631\)](#)) in a comparison container, which also is of colorless glass and has the same internal and cross-section dimensions, viewing the fluids transversely against a background of white porcelain or white glass.

When heat is directed in order to effect solution of the substance in the sulfuric acid, mix the sample and the acid in a test tube, heat as directed, and transfer the solution to the comparison container for matching with the designated Matching Fluid (see [Color and Achromicity \(631\)](#)).

**Auxiliary Information** - Please [check for your question in the FAQs](#) before contacting USP.

| Topic/Question                             | Contact  | Expert Committee                                   |
|--|--|--|
| <271> READILY CARBONIZABLE SUBSTANCES TEST | <a href="#">Antonio Hernandez-Cardoso</a><br>Senior Scientific Liaison | GCCA2020 General Chapters - Chemical Analysis 2020 |

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