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Change to read:

Starch TS

▲ Prepare this solution by one of the following procedures. Apply the *Test for sensitivity* to confirm suitability for freshly or previously prepared solutions or commercially bought solutions. ▲ (ERR 1-Sep-2023)

Procedure with Salicylic Acid as Preservative

Bring about 95 mL of [water](#) to a boil. Mix 1 g of [soluble starch](#) with ▲5 ▲ (ERR 1-Sep-2023) mL of cold [water](#) to make a thin paste and, while stirring, add the boiling water. Boil for 1 min with continuous stirring, cool, and add 100 mg of [salicylic acid](#) and mix until dissolved.

Storage: If use beyond the day of preparation is required, the solution shall be stored under refrigeration. ▲ ▲ (ERR 1-Sep-2023) If stored under refrigeration, the starch solution is stable for about 2–3 weeks.

Procedure with Red Mercuric Iodide as Preservative

Bring about 95 mL of [water](#) to a boil. Mix 1 g of [soluble starch](#) with 10 mg of red mercuric iodide and 5 mL of cold [water](#) to make a thin paste and, while stirring, add the boiling water. Boil for 1 min with continuous stirring. Cool, and use only the clear solution.

Procedure with No Preservative

Bring about 95 mL of water to a boil. Mix 1.0 g of [soluble starch](#) with 5 mL of cold [water](#) to make a thin paste and, while stirring, add the boiling water. Boil for 1 min with continuous stirring and cool. Use only a freshly prepared solution.

▲ ▲ (ERR 1-Sep-2023)

Test for sensitivity: Transfer 10.0 mL of [0.1 N Iodine VS](#) to a 100-mL volumetric flask, add 0.6 g of [potassium iodide](#) and dilute with [water](#) to volume. Prepare this solution immediately before use. Add 0.05 mL of this preparation and about 50 mg of [potassium iodide](#) to a mixture of 1 mL of the starch solution and 20 mL of [water](#). The solution is blue.

[NOTE—Commercially available starch solutions may be used; including mercury-free solutions or those containing alternative preservatives.

▲ ▲ (ERR 1-Sep-2023)]

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

Topic/Question	Contact	Expert Committee
STARCH TS	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

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