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COLORIMETRIC SOLUTIONS (CS)

1. DEFINITION

Colorimetric solutions are used in the preparation of the colorimetric standards for certain drugs and for evaluating color in some monographs. For the preparation of matching fluids, see [Color and Achromicity \(631\)](#).

2. STORAGE

Store colorimetric solutions in suitably resistant, tight containers.

Change to read:

3. COMPARISON OF COLORS

Comparison of colors as directed in the Pharmacopeial tests preferably is made in matched color-comparison tubes or in a suitable colorimeter under conditions that ensure that the colorimetric reference solution and that of the specimen under test are treated alike in all respects. The comparison of colors is best made in layers of equal depth, and viewed transversely against a white background (see also [Visual Comparison \(630\)](#) (CN 1-May-2019)).

It is particularly important that the sample and standard be compared at the same temperature, preferably 25°.

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

Topic/Question	Contact	Expert Committee
COLORIMETRIC SOLUTIONS INTRODUCTION	Margareth R.C. Marques Principal Scientific Liaison	HDQ USP Headquarters

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