

Status: Currently Official on 13-Feb-2025
 Official Date: Official as of 01-Aug-2024
 Document Type: Reagents
 DocId: GUID-421F7254-B11E-4489-A77F-BA38EE8D7503_3_en-US
 DOI: https://doi.org/10.31003/USPNF_R7791_03_01
 DOI Ref: p5yg9

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Change to read:

0.2 N Alcoholic Potassium Hydroxide VS,

▲ (USP 1-Aug-2024)

Dissolve about 14 g of [potassium hydroxide](#) in 20 mL of [water](#), and add [aldehyde-free alcohol](#) to make 1000 mL. Allow the solution to stand in a tightly stoppered bottle for 24 h. Then quickly decant the clear supernatant into a suitable, tight container. Store in tightly stoppered bottles, protected from light.

Standardization

▲ [See Volumetric Solutions, 1. Introduction.](#)

See [Titrimetry \(541\)](#).

Standardize by one of the following procedures. [NOTE—Other standardization procedures may be used. See [Volumetric Solutions, 2. Preparation and Standardization, 2.3 Standardization](#).]

Standardization with visual endpoint:▲ (USP 1-Aug-2024) Accurately measure 10 mL of [0.5 N hydrochloric acid VS](#). Dilute with 50 mL of [water](#), add 2 drops of [phenolphthalein TS](#), and titrate with the alcoholic potassium hydroxide solution until a permanent pale pink color is produced.

$$N = \frac{\text{mL HCl} \times N_{\text{HCl}}}{\text{mL KOH}}$$

▲ **Standardization with potentiometric endpoint:** Accurately measure 5 mL of [0.5 N hydrochloric acid VS](#). Dilute with 50 mL of [water](#), and titrate with the alcoholic potassium hydroxide solution. Determine the endpoint potentiometrically using a combined pH electrode suitable for non-aqueous titration.

$$N = \frac{\text{mL HCl} \times N_{\text{HCl}}}{\text{mL KOH}} \quad \text{▲ (USP 1-Aug-2024)}$$

[NOTE—If this volumetric solution is used in a qualitative application such as pH adjustment, dissolution medium, or diluent, its standardization is not necessary.]

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

Topic/Question	Contact	Expert Committee
0.2 N ALCOHOLIC POTASSIUM HYDROXIDE VS	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:
 Pharmacopeial Forum: Volume No. 49(2)

Current DocID: [GUID-421F7254-B11E-4489-A77F-BA38EE8D7503_3_en-US](#)

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