

Status: Currently Official on 13-Feb-2025  
Official Date: Official Prior to 2013  
Document Type: NF Monographs  
DocId: GUID-0FE865B4-D33C-4A37-9AF0-BC0A95E62605\_1\_en-US  
DOI: [https://doi.org/10.31003/USPNF.M1260\\_01\\_01](https://doi.org/10.31003/USPNF.M1260_01_01)  
DOI Ref: bkv9j

© 2025 USPC  
Do not distribute

# Diluted Alcohol

### DEFINITION

Diluted Alcohol is a mixture of Alcohol and water containing NLT 41.0% and NMT 42.0% by weight, corresponding to NLT 48.4% and NMT 49.5% by volume, at 15.56°, of C<sub>2</sub>H<sub>5</sub>OH.

Diluted Alcohol may be prepared as follows.

|                |        |
|----------------|--------|
| Alcohol        | 500 mL |
| Purified Water | 500 mL |

Measure the *Alcohol* and the *Purified Water* separately at the same temperature, and mix. If the water and the Alcohol and the resulting mixture are measured at 25°, the volume of the mixture will be 970 mL.

### SPECIFIC TESTS

- SPECIFIC GRAVITY (841):** 0.935–0.937 at 15.56°, indicating 41.0%–42.0% by weight, or between 48.4% and 49.5% by volume, of C<sub>2</sub>H<sub>5</sub>OH
- OTHER REQUIREMENTS:** In other respects, it meets the requirements in *Alcohol*, allowance being made for the difference in alcohol concentration.

### ADDITIONAL REQUIREMENTS

- PACKAGING AND STORAGE:** Preserve in tight containers, remote from fire.

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

| Topic/Question  | Contact                                       | Expert Committee         |
|-----------------|---|--------------------------|
| DILUTED ALCOHOL | <a href="#">Documentary Standards Support</a> | SE2020 Simple Excipients |

Chromatographic Database Information: [Chromatographic Database](#)

Most Recently Appeared In:  
Pharmacopeial Forum: Volume No. Information currently unavailable

Current DocID: GUID-0FE865B4-D33C-4A37-9AF0-BC0A95E62605\_1\_en-US  
DOI: [https://doi.org/10.31003/USPNF.M1260\\_01\\_01](https://doi.org/10.31003/USPNF.M1260_01_01)  
DOI ref: [bkv9j](#)