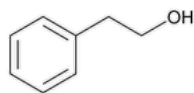


Status: Currently Official on 16-Feb-2025
 Official Date: Official as of 01-May-2020
 Document Type: USP Monographs
 DocId: GUID-357DBF34-CD33-4207-A7C7-B7538436B591_2_en-US
 DOI: https://doi.org/10.31003/USPNF_M64245_02_01
 DOI Ref: 21v0c

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Phenylethyl Alcohol



$C_8H_{10}O$ 122.16

Benzeneethanol;

Phenethyl alcohol CAS RN®: 60-12-8.

IDENTIFICATION

Change to read:

- **A.** [▲ SPECTROSCOPIC IDENTIFICATION TESTS \(197\), Infrared Spectroscopy: 197F](#)▲ (CN 1-MAY-2020)

IMPURITIES

- [RESIDUE ON IGNITION \(281\)](#)

Sample: 10 mL

Analysis: Evaporate the *Sample* in a suitable crucible, and ignite to constant weight.

Acceptance criteria: NMT 0.005%

SPECIFIC TESTS

- [SPECIFIC GRAVITY \(841\)](#): 1.017–1.020
- [REFRACTIVE INDEX \(831\)](#): 1.531–1.534 at 20°

CHLORINATED COMPOUNDS

Sample: 2 drops

Analysis: Wind a 1.5- × 5-cm strip of 20-mesh copper gauze around the end of a copper wire. Heat the gauze in the nonluminous flame of a Bunsen burner until it glows without coloring the flame green. Permit the gauze to cool, and heat several times until a good coat of oxide has formed. Apply the *Sample* to the cooled gauze with a medicine dropper, ignite, and permit it to burn freely in the air. Again cool the gauze, add a second *Sample*, and burn as before. Continue this process until a total of 6 drops has been added and ignited, and then hold the gauze in the outer edge of the Bunsen flame, adjusted to a height of about 4 cm.

Acceptance criteria: No transient green color or other color is imparted to the flame.

ALDEHYDE

Sample: 5 mL

Analysis: Shake the *Sample* with 5 mL of 1 N sodium hydroxide, and allow to stand for 1 h.

Acceptance criteria: No yellow color appears in the organic (top) layer.

ADDITIONAL REQUIREMENTS

- **PACKAGING AND STORAGE:** Preserve in tight, light-resistant containers, and store in a cool, dry place.
- [USP REFERENCE STANDARDS \(11\)](#)
[USP Phenylethyl Alcohol RS](#)

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

Topic/Question	Contact	Expert Committee
PHENYLETHYL ALCOHOL	Documentary Standards Support	SE2020 Simple Excipients

Topic/Question	Contact	Expert Committee
REFERENCE STANDARD SUPPORT	RS Technical Services RSTECH@usp.org	SE2020 Simple Excipients

Chromatographic Database Information: [Chromatographic Database](#)

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. PF 30(4)

Current DocID: GUID-357DBF34-CD33-4207-A7C7-B7538436B591_2_en-US

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