

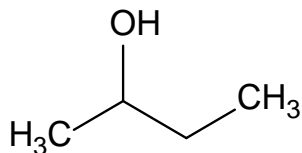
Certificate

2-BUTANOL

(*sec-butyl alcohol*)

USP Catalog No.: 1081829

USP Lot No.: R006S0



CAS No.: 78-92-2

Molecular Formula: $C_4H_{10}O$

Molecular Weight: 74.07

LABEL TEXT

For use with specified USP compendial tests.
Not for use as a drug. MSDS available on
www.usp.org



2-BUTANOL 3 x 1.2 mL

Warning! Flammable liquid and vapor. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness.

For quantitative applications, use a value of 1.00 mg of 2-butanol per mg of material on the as is basis. Dispose of unused portion after opening.

KEEP AMPULES IN SECONDARY CONTAINER!
USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666
CAT. NO. 1081829 Material mfd. in Germany

USP REFERENCE STANDARD

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/eye protection/face protection. Wash thoroughly after handling. Avoid breathing mist or vapor. Use only outdoors or in a well-ventilated area. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use appropriate media for extinction. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

LOT: R006S0



For use with specified USP compendial tests.
Not for use as a drug. See SDS prior to use at
www.usp.org/sds



2-BUTANOL 1.2 mL

Warning! See outer package for full hazard information.

For quantitative applications, use a value of 1.00 mg of 2-butanol per mg of material on the as is basis. Dispose of unused portion after opening.

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Jeri L. Ioth
Quality Assurance

Calculation Value

If a value is not provided on the label or accompanying documentation and the Reference Standard has a quantitative USP compendial application, a value of 100.0% is used. The purity value is not applicable for qualitative uses. Please refer to the specific Reference Standard label for further information.

Expiration

Current lots are identified in the current USP Catalog. In some cases, the previous lot may still be considered valid for use. If so, it is identified in the column marked "Previous Lot/Valid Use Date."

It is the responsibility of each user to determine that this lot is current or valid when used. For the most up-to-date information, please refer to the USP Store at www.usp.org.

Instructions for Use

Follow the instructions on the label of the USP Reference Standard and in the appropriate USP documentary standard(s).

Non-Monograph Use

The suitability of this Reference Standard for use in non-compendial applications is solely the responsibility of the user.

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