

# Certificate

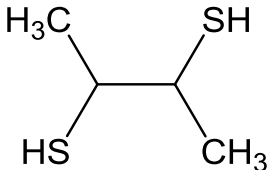
## 2,3-BUTANEDITHIOL

(2,3-Dimercaptobutane)

USP Catalog No.: 1081842

USP Lot No.: F0M159

*Only compendial components as listed in the monograph are shown below*

	CAS No. 4532-64-3
	Molecular Formula C <sub>4</sub> H <sub>10</sub> S <sub>2</sub>
	Molecular Weight 122.25

**LABEL TEXT**

For use with specified USP compendial tests.  
Not for use as a drug. See SDS prior to use  
at [www.usp.org/sds](http://www.usp.org/sds).



**2,3-BUTANEDITHIOL 1 g**



**WARNING!** See outer package label for full hazard information.



Do not dry. For quantitative applications use a value of 0.992 mg of 2,3-butanedithiol per mg of material on the as is basis. Dispose of unused contents after opening.

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666  
CAT. NO. 1081842 Lot: FOM159  
Material mfd in China

*Jeri L. Joth*

*Quality Assurance*

**Calculation Value**

Unless otherwise stated on the Reference Standard label, a value of 100.0% should be used in the compendial applications for which the use of this Reference Standard is intended. 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](http://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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