



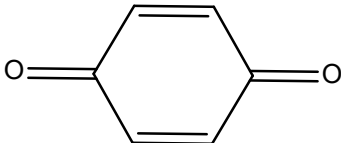
Certificate

1,4-BENZOQUINONE

(2,5-Cyclohexadiene-1,4-dione)

USP Catalog No.: 1056504

USP Lot No.: R15690

	CAS No.: 106-51-4
	Molecular Formula: C ₆ H ₄ O ₂
	Molecular Weight: 108.09

Additional Information:

The variability in the appearance of 1,4-Benzoquinone is a property of the material.

The color of the material varies from Yellow to dark Green or Brown.

Material sublimates.



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.



Lot: R15690



REFERENCE STANDARD

1,4-BENZOQUINONE 200 mg

 **Danger!** Toxic if swallowed. Toxic if inhaled. Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation.

Equilibrate to room temperature before use. Sonication may be necessary to dissolve the material. For the test of Total Organic Carbon, use a value of 1.00 mg of 1,4-benzoquinone per mg of material on the as is basis. Store in a refrigerator. Keep container tightly closed. Protect from light.

See certificate for any additional information.
USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0866
Cat. No. 1056504 Material mfd. in India

Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume. Wash thoroughly after handling. Wear eye/face protection. Wear protective gloves. If swallowed: Immediately call a poison center/doctor. Rinse mouth. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. 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. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

Jeri L. Joth

Quality Assurance

**Assigned Value**

Please refer to the USP Reference Standard label for the assigned value of the specific lot. If the lot was developed for qualitative use, it will not have an assigned value.

Valid Use Date

It is the responsibility of the user to ascertain that a particular lot of a USP Reference Standard has official status either as a "Current lot" or as a "Previous lot" within the assigned valid use date. The online USP Reference Standards Catalog and the online USP Store at www.usp.org are updated daily. USP recommends referring to one of these sources prior to using a USP Reference Standard to make sure the lot is valid for use.

Storage

Storage conditions are lot-specific and may change from one lot to another. If no specific directions or limitations are provided on the USP Reference Standard label, the conditions of storage shall include storage at room temperature and protection from moisture, light, freezing, and excessive heat.

Instructions for Use

Follow the instructions provided on this Certificate, on the label of the USP Reference Standard, and in the associated USP documentary standard(s). Please refer to General Chapter <11> for additional information.

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USP Reference Standards are for use in analytical or laboratory applications as specified in USP compendia. They are not for use in humans or animals as drugs or medical devices. It is the responsibility of the user to determine the suitability of the USP Reference Standard for non-USP compendial uses.

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