



U.S. Pharmacopeia  
The Standard of Quality<sup>SM</sup>

# USP Certificate

## Cumene LOT F0E215

### Molecular Formula

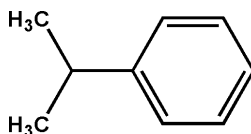
**C<sub>9</sub>H<sub>12</sub>**

### Molecular Weight

**120.19**

### CAS Number

**98-82-8**



### LABEL TEXT

#### USP<sup>®</sup> REFERENCE STANDARD

##### CUMENE 3 x 1.2 mL



Danger! Flammable liquid and vapor. May be fatal if swallowed and enters airways. Harmful if swallowed. Suspected of causing cancer. May cause drowsiness or dizziness.

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

**Intentionally over-labeled for GHS compliance  
KEEP AMPULES IN SECONDARY CONTAINER!**

USP, 12801 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666  
CAT. NO. 1151709 Material mfd. in United States

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/protective clothing/eye protection/face protection. Wash thoroughly after handling. Avoid breathing mist or vapor. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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 swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. Rinse mouth. If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If exposed or concerned: Get medical advice/attention. Keep cool. 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.

LOT: F0E215



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).

USP



## REFERENCE STANDARD

### CUMENE 1.2 mL

Warning! See outer package label  
for full hazard information.

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

#### **Intentionally over-labeled for GHS compliance**

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666

CAT. NO. 1151709

Lot: F0E215

Material mfd in United States

USP certifies that the USP Reference Standards Committee, in accordance with their rules and procedures, determined that this USP Reference Standard lot is suitable to assess compliance with the monograph standards for which it is specified. The critical characteristics of this lot are usually determined independently in three or more laboratories, including USP, government, academic, and industrial collaborators.

*Jeri L. Toth*

*QA Director*

### Calculation Value

Unless otherwise stated on the Reference Standard label, a value of 100.0% should be used in USP or NF 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 Official USP Reference Standards catalog. In some cases, the previous lot may still be considered official. If so, it is identified in the column marked "Previous Lot/Valid Use Date." Ordinarily, the previous lot is carried in official status for about one year after the current lot enters distribution.

It is the responsibility of each user to determine that this lot is current when used. To ensure up-to-date information, USP publishes the Official USP Reference Standards Catalog, which contains official lot designations. This information is also available on the USP web site, at [www.usp.org](http://www.usp.org), as well as in the bimonthly subscription publication, *Pharmacopeial Forum*.

### Instructions for Use

Follow the instructions in the appropriate USP or NF Monographs and General Requirements for Tests and Assays of the current *USP–NF*. In the event that instructions on the label of this lot differ from those found in the current *USP–NF*, those on the label supersede any instructions listed in Chapter <11>.

### Non-Monograph Use

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

---

### LEGAL NOTICE

USP MAKES NO REPRESENTATION OR WARRANTY WITH RESPECT TO THE ACCURACY, COMPLETENESS, OR CURRENTNESS OF THIS CERTIFICATE; AND USP SPECIFICALLY DISCLAIMS ANY OTHER WARRANTY, EXPRESS, IMPLIED, OR STATUTORY, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. USP DOES NOT WARRANT THAT THE INFORMATION CONTAINED HEREIN MEETS THE CUSTOMER'S REQUIREMENTS. USP SHALL NOT BE LIABLE ON ACCOUNT OF ANY SUCH ERRORS OR OMISSIONS.

USP Reference Standards are not intended for use as drugs, dietary supplements, or as medical devices.  
This document is not a Material Safety Data Sheet.

This certificate may not be reproduced without the express written permission of USP.

Copyright 2006 The United States Pharmacopeial Convention, Inc. All rights reserved.