

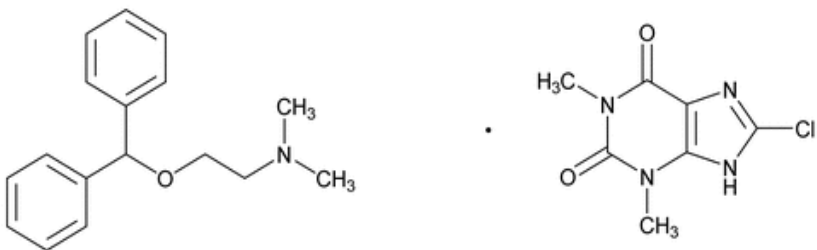
Certificate

DIMENHYDRINATE

(8-Chlorotheophylline, compound with 2-(diphenylmethoxy)-N,N-dimethylethylamine (1:1))

USP Catalog No.: 1206006

USP Lot No.: R041E0

 <p>The image shows the chemical structures of the two components of Dimenhydrinate. On the left is 2-(diphenylmethoxy)-N,N-dimethylethylamine, consisting of a central carbon atom bonded to two phenyl rings and an ethoxy group, which is further bonded to a dimethylamino group. On the right is 8-chlorotheophylline, a purine derivative with a methyl group at position 1, a carbonyl group at position 6, and a chlorine atom at position 8. A dot between the two structures indicates they form a 1:1 molecular complex.</p>	CAS No.: 523-87-5
	Molecular Formula: $C_{17}H_{21}NO \cdot C_7H_7ClN_4O_2$
	Molecular Weight: 469.96

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.



USP REFERENCE STANDARD

DIMENHYDRINATE 200 mg

Warning! Harmful if swallowed. May cause drowsiness
or dizziness.



Do not dry. For quantitative applications, use a value of
0.997 mg of dimenhydrinate per mg of material on the as
is basis. Keep container tightly closed. Protect from light.

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666
Cat. No. 1208006 Material mfd. in India

Use only outdoors or in a well-ventilated area. Wash
thoroughly after handling. If swallowed: Call a poison
center/doctor if you feel unwell. Rinse mouth. 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. Store locked up. Dispose of contents/container in
accordance with local/regional/national/international
regulations.

Juri L. Joth

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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