



Certificate

DIETHYLCARBAMAZINE CITRATE

(*N,N*-Diethyl-4-methyl-1-piperazinecarboxamide citrate (1:1))

USP Catalog No.: 1193006

USP Lot No.: R07950

<p>The image shows the chemical structure of Diethylcarbamazine Citrate (1:1). On the left is the diethylcarbamazine cation, which consists of a piperazine ring with a methyl group on one nitrogen and a diethylcarbamoyl group on the other. On the right is the citrate anion, which is a central carbon atom bonded to a hydroxyl group and three carboxylic acid groups. A dot between the two structures indicates a 1:1 molar ratio.</p>	CAS No.: 1642-54-2
	Molecular Formula: $C_{10}H_{21}N_3O \cdot C_6H_8O_7$
	Molecular Weight: 391.42



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: R07950



USP REFERENCE STANDARD

DIETHYLCARBAMAZINE CITRATE 200 mg

Danger! Harmful if swallowed.
Harmful in contact with skin. Causes eye irritation. Fatal if inhaled.

For quantitative applications, use a value of 0.999 mg of
diethylcarbamazine citrate per mg of material on the as is basis.
Keep container tightly closed.

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666
Cat. No. 1193006 Material mfd. in Canada

Do not breathe dust. Wash thoroughly after handling. Use only outdoors
or in a well-ventilated area. Wear protective gloves/protective clothing. In
case of inadequate ventilation wear respiratory protection. If inhaled:
Remove person to fresh air and keep comfortable for breathing.
Immediately call a poison center/doctor. If swallowed: Call a poison
center/doctor if you feel unwell. Rinse mouth. If on skin: Wash with plenty
of water. Call a poison center/doctor if you feel unwell. Take off
contaminated clothing and wash before reuse. 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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