

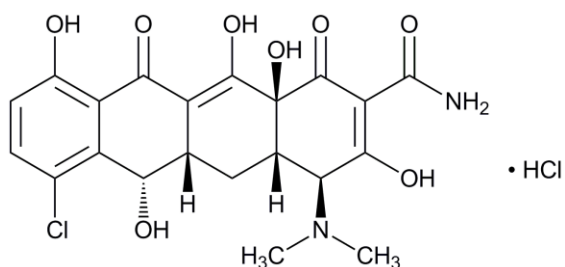
Certificate

DEMECLOCYCLINE HYDROCHLORIDE

(7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-1,11-dioxo-2-naphthacenecarboxamide monohydrochloride)

USP Catalog No.: 1170000

USP Lot No.: R024Q1



CAS No.: 64-73-3

Molecular Formula: $C_{21}H_{21}ClN_2O_8 \cdot HCl$

Molecular Weight: 501.31

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: R024Q1

USP REFERENCE STANDARD

DEMECLOCYCLINE HYDROCHLORIDE 200 mg

Danger!

Causes serious eye irritation. May damage fertility or the unborn child.



Dry portion in vacuum at a pressure not exceeding 5 mm of Hg at 60° for 3 hours before using.
For spectrophotometric applications, use a value of 1000 µg of demeclocycline hydrochloride per
mg of dried material. For quantitative chromatographic applications, use a value of 942 µg of
demeclocycline hydrochloride per mg of dried material. Keep container tightly closed. Protect
from light. Store in a freezer.

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666
Cat. No. 1170000 Material mfd. in Republic of Korea

Wash thoroughly after handling. Obtain special instructions
before use. Do not handle until all safety precautions have been
read and understood. Wear protective gloves/protective
clothing/eye protection/face protection. 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. If exposed or
concerned: Get medical advice/attention. Store locked up.
Dispose of contents/container in accordance with
local/regional/national/international regulations.

Jeri 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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