

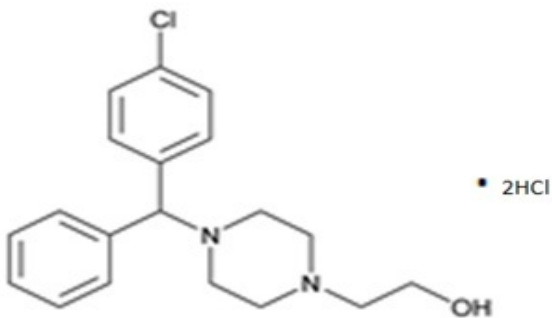
Certificate

CETIRIZINE RELATED COMPOUND G

(2-{4-[(4-Chlorophenyl)phenylmethyl]piperazin-1-yl}ethanol dihydrochloride)

USP Catalog No.: 1102963

USP Lot No.: F033A0

| | |
|---|---|
|  | CAS No.: Salt: 164726-80-1 Free Base: 109806-71-5 |
| | Molecular Formula: $C_{19}H_{23}ClN_2O \cdot 2HCl$ |
| | Molecular Weight: 403.77 |

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

CETIRIZINE RELATED COMPOUND G 50 mg

(2-{4-[(4-chlorophenyl)phenylmethyl]piperazin-1-yl}ethanol dihydrochloride)

Do not dry. For quantitative applications, use a value of 0.78 mg of cetirizine
related compound G per mg of material on the as is basis.

Keep container tightly closed. Store in a refrigerator. Protect from light.

Material is hygroscopic.

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666
Cat. No. 1102963 Material mfd. in United States

LOT: F033A0



Jeri L. Ioth

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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