

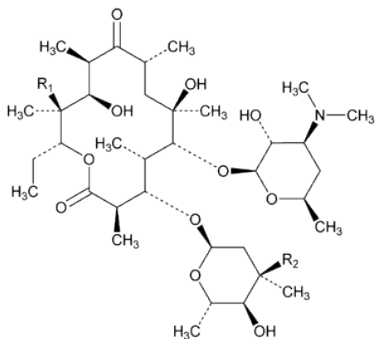
Certificate

ERYTHROMYCIN

((3*R**,4*S**,5*S**,6*R**,7*R**,9*R**,11*R**,12*R**,13*S**,14*R**)-4-[(2,6-Dideoxy-3-C-methyl-3-O-methyl- α -L-ribo-hexopyranosyl)oxy]-14-ethyl-7,12,13-trihydroxy-3,5,7,9,11,13-hexamethyl-6-[[3,4,6-trideoxy-3-(dimethylamino)- β -D-xylo-hexopyranosyl]oxy]oxacyclotetradecane-2,10-dione)

USP Catalog No.: 1242000

USP Lot No.: R013R0

					CAS No. 114-07-8
					Molecular Formula: See table to left
					Molecular Weight: See table to left
R1	R2	Mol. Formula	Mol. Wt.		
OH	OCH ₃	C ₃₇ H ₆₇ NO ₁₃	733.93		
H	OCH ₃	C ₃₇ H ₆₇ NO ₁₂	717.93		
OH	OH	C ₃₆ H ₆₅ NO ₁₃	719.90		

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: R013R0

USP REFERENCE STANDARD

ERYTHROMYCIN 250 mg

Warning! Causes eye irritation.

Do not dry. Equilibrate vial to ambient temperature before opening. After opening, weigh portion immediately and discard remaining material. The erythromycin A percentage is 97.2% on the as is basis. For microbial assay, use a value of 974 µg of erythromycin per mg of material on the as is basis. Hygroscopic. Store in a freezer.

CAT No. 1242000 USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666

Wash thoroughly after handling. 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.

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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