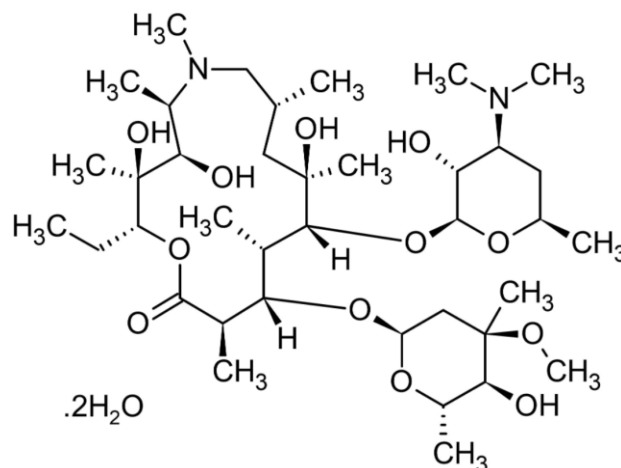


## PRODUCT

## Azithromycin Dihydrate USP

CAS no. 117772-70-0



## CHARACTERS

White or almost white powder. Practically insoluble in water, freely soluble in anhydrous ethanol and in methylene chloride.

TEST	SPECIFICATION	
<b>Content</b>	945 to 1030 µg/mg (anhydrous substance)	
<b>Identification</b>	Conforms to USP tests	
<b>Residue on ignition</b>	Maximum 0.3%	
<b>Organic impurities</b>	Erythromycin A iminoether	Maximum 0.5%
	Desosaminylazithromycin	Maximum 0.3%
	Erythromycin A oxime	Maximum 0.5%
	N-Demethylazithromycin	Maximum 0.7%
	Azaerythromycin A	Maximum 1.0%
	3-Deoxyazithromycin (azithromycin B)	Maximum 1.0%
	Total impurities	Maximum 3.0%
<b>Optical rotation</b>	-45° to -49°	
<b>Crystallinity</b>	Conforms to USP test	
<b>pH</b>	9.0 to 11.0	
<b>Water</b>	4.0% to 5.0%	

**ENQUIRY**