## **Trimethoprim** Quality Solutions

Category: Antibiotic

H<sub>3</sub>CO

H<sub>3</sub>CO

OCH<sub>3</sub>

 $H_2N$ 

USP can support your development and manufacturing activities on Trimethoprimbased medicines with these existing and upcoming standards.

## **Official and Proposed Documentary Standards and Associated Physical Materials**

## **MONOGRAPH 1** TRIMETHOPRIM Official as of 01-May-2020 USP-1692505 **USP** Trimethoprim RS **MONOGRAPH 2 TRIMETHOPRIM SULFATE** Official as of 01-May-2020 **USP** Trimethoprim RS USP-1692505 **MONOGRAPH 3 TRIMETHOPRIM TABLETS** Official as of 31-Dec-2012 USP-1692505 **USP** Trimethoprim RS **MONOGRAPH 4** SULFAMETHOXAZOLE AND TRIMETHOPRIM TABLETS USP Sulfamethoxazole RS USP-1631001 USP-1692505 **USP** Trimethoprim RS **MONOGRAPH 5** SULFAMETHOXAZOLE AND TRIMETHOPRIM INJECTION Official as of 31-Dec-2012 USP Sulfanilamide RS USP-1632004 USP Sulfamethoxazole RS USP-1631001 USP Sulfanilic Acid RS USP-1633506 **USP** Trimethoprim RS USP-1692505 **MONOGRAPH 6** SULFAMETHOXAZOLE AND TRIMETHOPRIM ORAL SUSPENSION Official as of 31-Dec-2012 USP Alcohol Determination-Acetonitrile RS USP-1012699 USP Alcohol Determination-Alcohol RS USP-1012688 **USP Diaveridine RS** USP-1184118 USP Sulfamethoxazole N4-Glucoside RS USP-1631500 USP Sulfamethoxazole RS USP-1631001 USP Sulfamethoxazole Related USP-1631533 Compound C RS **USP** Trimethoprim RS USP-1692505 USP Trimethoprim Related Compound A RS USP-1692516

USP-1692527

MONOGRAPH 7				
POLYMYXIN B SULFATE AND TRIMETHOPRIM OPHTHALMIC SOLUTION Official as of 31-Dec-2012				
USP Polymyxin B Sulfate RS	<u>USP-1547007</u>			
USP Trimethoprim RS	<u>USP-1692505</u>			
PHARMACEUTICAL ANALYTICAL IMPURITIES (PAI)*				
USP Trimethoprim 4-ol PAI   NEW	<u>USP-1A05950</u>			
USP Trimethoprim Acrylonitrile Analog PAI   NEW	<u>USP-1A05500</u>			
USP Ethoxytrimethoprim Analog PAI   NEW	<u>USP-1A05480</u>			

### **INCLUDED GENERAL CHAPTERS**

<1> INJECTIONS AND IMPLANTED DRUG PRODUCTS (PARENTERALS)—PRODUCT QUALITY TESTS | NEW OFFICIAL AS OF 01-MAY-2024

<11> USP REFERENCE STANDARDS Official as of 01-Nov-2020

<71> STERILITY TESTS Official as of 31-Dec-2012

<81> ANTIBIOTICS—MICROBIAL ASSAYS Official as of 01-Jan-2024

<151> PYROGEN TEST Official as of 01-May-2017

<191> IDENTIFICATION TESTS—GENERAL Official as of 01-May-2021

<197> SPECTROSCOPIC IDENTIFICATIONTESTS

<201> THIN-LAYER CHROMATOGRAPHIC IDENTIFICATION TEST Official as of 01-May-2018		
USP Bacitracin Zinc RS	<u>USP-1048007</u>	
USP Neomycin Sulfate RS	<u>USP-1458009</u>	
USP Polymyxin B Sulfate RS	<u>USP-1547007</u>	

\* Pharmaceutical Analytical Impurities (PAI products) are released using a process developed by USP's subject matter experts. The release process is based on internal policies, standard operating procedures, and requirements as defined by USP's Quality Management System. USP is an ISO 9001:2015 certified facility. PAI products are different from official USP Reference Standards. PAI products are not required for compendial compliance.



USP Trimethoprim Related Compound B RS



# **Authorized Distributor**



# Trimethoprim **Quality Solutions**

Category: Antibiotic

**Small Molecules** 

 $H_2N$ 

 $NH_2$ 

H<sub>3</sub>CO

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## **Official and Proposed Documentary Standards and Associated Physical Materials**



		INCLUDED EXCIPIENTS	
<281> RESIDUE ON IGNITION Official as of 31-Dec-2012		MAGNESIUM STEARATE Official as of 01-Aug-2016	
<611> ALCOHOL DETERMINATION		USP Palmitic Acid RS	<u>USP-1492007</u>
Official as of 31-Dec-2012		USP Stearic Acid RS	<u>USP-1621008</u>
USP Alcohol Determination±Alcohol RS	<u>USP-1012688</u>	POLYSORBATE 80	
USP Alcohol Determination—Acetonitrile RS	<u>USP-1012699</u>	Official as of 01-May-2020	
<621> CHROMATOGRAPHY Official as of 01-Oct-2023		USP Polysorbate 80 RS SILICON DIOXIDE	<u>USP-1547969</u>
<698> DELIVERABLE VOLUME		Official as of 01-Jun-2023	
Official as of 01-Dec-2020		MICROCRYSTALLINE CELLULOSE Official as of 01-Dec-2019	
<711> DISSOLUTION Official as of 01-May-2023		USP Microcrystalline Cellulose RS	<u>USP-1098388</u>
USP Dissolution Performance Verification Standard-Prednisone RS	<u>USP-1222818</u>	CARBOXYMETHYLCELLULOSE SODIUM Official as of 01-Jan-2018	
<731> LOSS ON DRYING Official as of 01-Nov-2020		METHYLPARABEN Official as of 01-May-2020	
<b>&lt;741&gt; MELTING RANGE OR TEMPERATURE</b> Official as of 01-Aug-2018		USP Methylparaben RS	<u>USP-1432005</u>
<788> PARTICULATE MATTER IN INJECTION Official as of 01-May-2013	IS	SODIUM BENZOATE Official as of 01-May-2020	
USP Particle Count RS	<u>USP-1500502</u>	USP Benzoic Acid RS	<u>USP-1055002</u>
<791> PH		USP Salicylic Acid RS	<u>USP-1609002</u>
Official as of 01-Nov-2020		USP Sodium Benzoate RS	<u>USP-1613564</u>
<905> UNIFORMITY OF DOSAGE UNITS Official as of 01-Aug-2023		STERILE WATER FOR INJECTION Official as of 01-May-2021	
<b>&lt;921&gt; WATER DETERMINATION</b> Official as of 01-May-2022		ALCOHOL Official as of 01-Dec-2021	
USP Sodium Tartrate Dihydrate RS	<u>USP-1614909</u>	USP Alcohol RS	<u>USP-1012768</u>

INCLUDED EXCIPIENTS

**SODIUM HYDROXIDE** 

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