

DOXYCYCLINE - doxycycline capsule

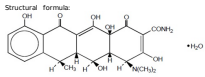
America Pharmaceutical Limited

Doxycycline Capsules, USP
Rx only

To reduce the development of drug-resistant bacteria and maintain the effectiveness of doxycycline capsules, USP and other antibacterial drugs, doxycycline capsules, USP should be used only to treat or prevent infections that are proven or strongly suspected to be caused by bacteria.

DESCRIPTION

Doxycycline, USP is a broad-spectrum antibacterial synthetically derived from oxytetracycline. Doxycycline monohydrate capsules, USP, 100 mg and 75 mg contain doxycycline monohydrate equivalent to 100 mg and 75 mg of doxycycline for oral administration. The chemical designation of the light yellow to pale yellow powder is alpha-D-doxycycline.



$C_{22}H_{32}N_2O_8 \cdot H_2O$ M.W. = 462.45

Doxycycline has a high degree of lipid solubility and a low affinity for calcium binding. It is highly stable in normal human serum. Doxycycline will not degrade into an apolytropic form.

Inert ingredients: microcrystalline cellulose; sodium starch glycolate; povidone; colloidal silicon dioxide; magnesium stearate; and a hard gelatin capsule which contains iron oxide black, iron oxide red, iron oxide yellow, titanium dioxide, gelatin and sodium lauryl sulfate. The capsule shells of 75 mg are printed with edible black ink containing ethaic, propylene glycol, iron oxide black and potassium hydroxide. The cap of 100 mg capsule shell is printed with edible white ink containing ethaic, propylene glycol, potassium hydroxide and titanium dioxide. The body of 100 mg capsule shell is printed with edible and brown ink containing ethaic, propylene glycol, potassium hydroxide, iron oxide brown and iron oxide black.

CLINICAL PHARMACOLOGY

Tetracyclines are readily absorbed and are bound to plasma proteins in varying degrees. They are concentrated by the liver in the bile and excreted in the urine and feces at high concentrations in a biologically active form. Doxycycline is virtually completely absorbed after oral administration.

Following a 200 mg dose of doxycycline monohydrate, 24 normal adult volunteers averaged the following serum concentration values:

Time	0 hr	1	1.5	2	3	4	8	12	24	48	72
Mean	0.5	1.24	2.26	2.97	3.03	3.18	2.83	2.03	1.82	0.96	0.37
SD											0.15

(µg/mL)

Average Observed Values

Maximum Concentration	3.61 µg/mL (s.e. 0.9 sd)
Time of Maximum Concentration	2.6 hr (s.e. 1.1 sd)
Elimination Rate Constant	0.049 per hr (s.e. 0.03 sd)
Half-Life	16.33 hr (s.e. 4.53 sd)

Excretion of doxycycline by the kidney is about 40%/72 hours in individuals with normal function (creatinine clearance about 75 mL/min). This percentage excretion may fall as low as 1 to 5%/72 hours in individuals with severe renal insufficiency (creatinine clearance below 10 mL/min). Studies have shown no significant difference in serum half-life of doxycycline (range 18 to 22 hours) in individuals with normal and severely impaired renal function. Hemodialysis does not alter serum half-life.

Microbiology

Mechanism of Action
Doxycycline inhibits bacterial protein synthesis by binding to the 30S ribosomal subunit. Doxycycline has bacteriostatic activity against a broad range of Gram-positive and Gram-negative bacteria.

Resistance

Cross resistance with other tetracyclines is common.

Antimicrobial Activity

Doxycycline has been shown to be active against most isolates of the following microorganisms, both in vitro and in clinical infections (see INDICATIONS AND USAGE).

Gram-Negative Bacteria

- Aerobacter species
- Bacteroides bacteriformis
- Brevibacterium species
- Campylobacter fetus
- Enterobacter aerogenes
- Escherichia coli
- Francisella tularensis
- Haemophilus ducreyi
- Haemophilus influenzae
- Klebsiella granulomatis
- Klebsiella species
- Neisseria gonorrhoeae
- Shigella species
- Vibrio cholerae
- Yersinia pestis

Gram-Positive Bacteria

- Bacillus anthracis
- Listeria monocytogenes
- Streptococcus pneumoniae

Anaerobic Bacteria

- Clostridium species
- Fusobacterium fusiforme
- Propionibacterium acnes

Other Bacteria

- Nocardia and other Actinomycetes species
- Borrelia recurrentis
- Chlamydia psittaci
- Chlamydia trachomatis
- Mycoplasma pneumoniae
- Rickettsiae
- Treponema pallidum
- Treponema pallidum subspecies pertenue
- Ureaplasma urealyticum

Parasites

- Babesidium coli
- Tricostrongylus species

Susceptibility Testing Methods

When available, the clinical microbiology laboratory should provide cumulative reports of in vitro susceptibility test results for antimicrobial drugs used in local hospital and practice areas as periodic reports that describe the susceptibility profile of nosocomial and community-acquired pathogens. These reports should aid the physician in selecting the most effective antimicrobial.

Dilution Techniques

Quantitative methods are used to determine antimicrobial minimum inhibitory concentrations (MICs). These MICs provide estimates of the susceptibility of bacteria to antimicrobial compounds. The MICs should be determined using a standardized test method (broth and/or agar).^{1,2,4,5,7} The MIC values should be interpreted according to criteria provided in Table 1.

Diffusion Techniques

Quantitative methods that require measurement of zone diameters can also provide reproducible estimates of the susceptibility of bacteria to antimicrobial compounds. The zone size should be determined using a standardized test method.^{1,4} This procedure uses paper disks impregnated with 30 mcg doxycycline to test the susceptibility of microorganisms to doxycycline. The disk diffusion interpretive criteria are provided in Table 1.

Anaerobic Techniques

For anaerobic bacteria, the susceptibility to doxycycline can be determined by a standardized test method.^{1,4} The MIC values obtained should be interpreted according to the criteria provided in Table 1.

Table 1: Susceptibility Test Interpretive Criteria for Doxycycline and Tetracycline

Bacteria*	Minimal Inhibitory Concentration (mcg per mL)			Zone Diameter (mm)			Agar Diffusion (mcg per mL)
	S	I	R	S	I	R	
Aerobacter spp.							
Doxycycline	s4	8	≥16	8-11	10 to 12	≥13	-
Tetracycline	s4	8	≥16	8-11	12 to 14	≥15	-
Bacteroides							
Tetracycline	-	-	-	-	-	≥4	8-16
Bacillus anthracis†							
Doxycycline	s1	-	-	-	-	-	-
Tetracycline	s1	-	-	-	-	-	-
Brevibacterium species†							
Doxycycline	s4	-	-	-	-	-	-
Tetracycline	s1	-	-	-	-	-	-
Enterobacteriaceae							
Doxycycline	s4	8	≥16	8-14	11 to 13	≥10	-
Tetracycline	s4	8	≥16	8-11	12 to 14	≥13	-
Francisella tularensis†							
Doxycycline	s4	-	-	-	-	-	-
Tetracycline	s4	-	-	-	-	-	-
Haemophilus influenzae							
Tetracycline	s2	4	≥8	≥20	26 to 30	≥25	-
Mycoplasma pneumoniae†							
Tetracycline	-	-	-	-	-	-	≥2
Neisseria gonorrhoeae†							
Tetracycline	-	-	-	≥31	31 to 37	≥40	20-42 (to 42)
Nocardia and other aerobic actinomycetes species†							
Doxycycline	s1	2 to 4	≥8	-	-	-	-
Streptococcus pneumoniae							
Doxycycline	≤0.25	0.5	≥1	≥28	25 to 27	≥24	-
Tetracycline	s1	2	≥4	≥21	25 to 27	≥24	-
Vibrio cholerae							
Doxycycline	s4	8	≥16	-	-	-	-
Tetracycline	s4	8	≥16	-	-	-	-
Yersinia pestis							
Doxycycline	s4	8	≥16	-	-	-	-
Tetracycline	s4	8	≥16	-	-	-	-
Ureaplasma urealyticum							
Tetracycline	-	-	-	-	-	≤1	≥2

* Organisms susceptible to tetracycline are also considered susceptible to doxycycline. However, some organisms that are intermediate or resistant to tetracycline

As with other antibacterial preparations, use of this drug may result in overgrowth of non-susceptible organisms, including fungi. If superinfection occurs, doxycycline capsules should be discontinued and appropriate therapy instituted.

Incision and drainage or other surgical procedures should be performed in conjunction with antibacterial therapy when indicated.

Prophylactic doxycycline monohydrate capsules in the absence of proven or strongly suspected bacterial infection or a prophylactic indication is unlikely to provide benefit to the patient and increases the risk of the development of drug-resistant bacteria.

Information for Patients:

All patients taking doxycycline should be advised:

-to avoid excessive sunlight or artificial ultraviolet light while receiving doxycycline and to discontinue therapy if photosensitivity (e.g., skin eruptions, etc.) occurs. Sunscreen on sunbaked should be considered. (See WARNINGS.)

-to drink fluids liberally along with doxycycline to reduce the risk of esophageal irritation and ulceration. (See ADVERSE REACTIONS.)

-that the absorption of tetracyclines is reduced when taken with foods, especially those which contain calcium. However, the absorption of doxycycline is not markedly influenced by simultaneous ingestion of food or milk. (See Drug Interactions.)

-that the absorption of tetracyclines is reduced when taking bismuth subsalicylate. (See Drug Interactions.)

-not to use outdated or poorly stored doxycycline.

-that the use of doxycycline might increase the incidence of vaginal candidiasis. Diarrhea is a common problem caused by antibiotics which usually ends when the antibiotic is discontinued. Sometimes after starting treatment with antibiotics, patients can develop watery and bloody stools (with or without stomach cramps and fever) even as late as two or more months after having taken the last dose of antibiotic. If this occurs, patients should contact their physician as soon as possible.

Patients should be counseled that antibacterial drugs including doxycycline capsules should only be used to treat bacterial infections. They do not treat viral infections (e.g., the common cold). When doxycycline capsules are prescribed to treat a bacterial infection, patients should be told that although it is common to feel better early in the course of therapy, the medication should be taken exactly as directed. Skipping doses or not completing the full course of therapy may (1) decrease the effectiveness of the immediate treatment and (2) increase the likelihood that bacteria will develop resistance and will not be treatable by doxycycline capsules or other antibacterial drugs in the future.

Laboratory Tests:

In venereal disease when coexistent syphilis is suspected, a dark-field examination should be done before treatment is started and the blood serology repeated monthly for at least four months.

In long-term therapy, periodic laboratory evaluations of organ systems, including hematopoietic, renal, and hepatic studies should be performed.

Drug Interactions:

Because tetracyclines have been shown to depress plasma prothrombin activity, patients who are on anticoagulant therapy may require downward adjustment of their anticoagulant dosage.

Since bacteriostatic drugs may interfere with the bactericidal action of penicillin, it is advisable to avoid giving tetracyclines in conjunction with penicillin.

Absorption of tetracyclines is impaired by antacids containing aluminum, calcium, or magnesium, and iron-containing preparations.

Barbiturates, carbamazepine, and phenytoin decrease the half-life of doxycycline.

The concurrent use of tetracycline and methoxyflurane has been reported to result in fatal renal toxicity. Concurrent use of tetracycline may render oral contraceptives less effective.

Drug/Laboratory Test Interactions:

False elevations of urinary catecholamine levels may occur due to interference with the fluorescence test.

Contraception, Mutagenesis, Impairment of Fertility:

Long-term studies in animals to evaluate the carcinogenic potential of doxycycline have not been conducted. However, there has been evidence of oncogenic activity in rats in studies with related antibacterial tetracycline (tetracycline and plarbutin tumors) and minocycline (thyroid tumors). Likewise, although mutagenicity studies of doxycycline have not been conducted, positive results in *in vitro* mammalian cell assays have been reported for related antibacterial tetracycline, oxytetracycline. Doxycycline administered orally at dosage levels as high as 250 mg/kg/day by no apparent effect on the fertility of female rats. Effect on male fertility has not been studied.

Pregnancy:

Teratogenic Effects:

Pregnancy Category D:

There are no adequate and well-controlled studies on the use of doxycycline in pregnant women, first trimester exposure. There are no human data available to assess the effects of long-term therapy of doxycycline in pregnant women such as that proposed for treatment of anthrax exposure. An expert review of published data on experiences with doxycycline use during pregnancy by TERIS - the Teratogen Information System - concluded that therapeutic doses during pregnancy are unlikely to pose a substantial teratogenic risk (the quantity and quality of data were assessed as limited to fair), but the data are insufficient to state that there is no risk.

A case-control study (18,515 mothers of infants with congenital anomalies and 32,804 mothers of infants with no congenital anomalies) shows a weak but marginally statistically significant association with total malformations and use of doxycycline anytime during pregnancy (only three (0.1%) of the controls (0.1%) of the cases were treated with doxycycline.) This association was not seen when the analysis was confined to maternal treatment during the period of organogenesis (i.e., in the second and third months of gestation) with the exception of a marginal relationship with neural tube defect based on only two exposed cases.

A small prospective study of 81 pregnancies describes 43 pregnant women treated for 10 days with doxycycline during early first trimester. All mothers reported their exposed infants were normal at 1 year of age.¹⁰

Labor and Delivery:

The effect of tetracyclines on labor and delivery is unknown.

Nursing Mothers:

Tetracyclines are excreted in human milk. However, the extent of absorption of tetracyclines, including doxycycline, by the breastfed infant is not known. Short-term use by lactating women is not necessarily contraindicated; however, the effects of prolonged exposure to doxycycline in breast milk are unknown.¹¹ Because of the potential for adverse reactions in nursing infants from doxycycline, a decision should be made whether to discontinue nursing or to discontinue the drug, taking into account the importance of the drug to the mother. (See WARNINGS.)

Public Use:

Because of the effects of drugs of the tetracycline - class, on tooth development and growth, use doxycycline in pediatric patients 8 years of age or less only when the potential benefits are expected to outweigh the risks in disease or life-threatening conditions (e.g., anthrax, Rocky Mountain spotted fever), particularly when there are no alternative therapies. (See WARNINGS and DOSAGE AND ADMINISTRATION.)

ADVERSE REACTIONS

Due to the doxycycline's virtually complete absorption, side effects to the lower bowel, particularly diarrhea, have been infrequent. The following adverse reactions have been observed in patients receiving tetracyclines.

Gastrointestinal: Anorexia, nausea, vomiting, diarrhea, glossitis, dysphagia, enterocolitis, and inflammatory lesions (with monilial overgrowth) in the anorectal region, and pancreatitis. Hepatotoxicity has been reported. These reactions have been caused by both the oral and parenteral administration of tetracyclines. Rare instances of esophagitis and esophageal ulcerations have been reported in patients receiving capsule and tablet forms of drugs in the tetracycline class. Most of these patients took medication immediately before going to bed. (See DOSAGE AND ADMINISTRATION.)

Skin: Maculopapular and erythematous rashes, Stevens-Johnson syndrome, toxic epidermal necrolysis, and erythema multiforme have been reported. Exfoliative dermatitis has been reported but is uncommon. Photosensitivity is discussed above. (See WARNINGS.)

Renal Toxicity: Rise in BUN has been reported and is apparently dose-related. (See WARNINGS.)

Hypersensitivity Reactions: Urticaria, angioneurotic edema, anaphylaxis, skin-anchored purpura, serum sickness, pericarditis, and exacerbation of systemic lupus erythematosus.

Blood: Hemolytic anemia, thrombocytopenia, neutropenia, and eosinophilia have been reported with tetracyclines.

Other: Intracranial hypertension (IH, pseudotumor cerebri) has been associated with the use of tetracyclines. (See PRECAUTIONS-General.) When given over prolonged periods, tetracyclines have been reported to produce brown-black microscopic discoloration of the thyroid gland. No abnormalities of thyroid function are known to occur.

OVERDOSAGE

In case of overdosage, discontinue medication, treat symptomatically and institute supportive measures. Dialysis does not alter serum half-life, and it would not be of benefit in treating cases of overdosage.

DOSAGE AND ADMINISTRATION

THE USUAL DOSAGE AND FREQUENCY OF ADMINISTRATION OF DOXYCYCLINE DIFFERS FROM THAT OF THE OTHER TETRACYCLINES. EXCEEDING THE RECOMMENDED DOSAGE MAY RESULT IN AN INCREASED INCIDENCE OF SIDE EFFECTS.

Adults: The usual dose of oral doxycycline is 200 mg on the first day of treatment (administered 100 mg every 12 hours or 50 mg every 6 hours) followed by a maintenance dose of 100 mg/day. The maintenance dose may be administered as a single dose or as 50 mg every 12 hours. In the management of more severe infections (particularly chronic infections of the urinary tract), 100 mg every 12 hours is recommended.

Pediatric Patients:

For all pediatric patients weighing less than 45 kg with severe or life-threatening infections (e.g., anthrax, Rocky Mountain spotted fever), the recommended dosage is 2.2 mg/kg of body weight administered every 12 hours. Children weighing 45 kg or more should receive the adult dose. (See WARNINGS and PRECAUTIONS.)

For pediatric patients with less severe disease (greater than 8 years of age and weighing less than 45 kg), the recommended dosage schedule is 4.4 mg per kg of body weight divided into two doses on the first day of treatment, followed by a maintenance dose of 2.2 mg per kg of body weight (given as a single daily dose or divided into twice daily doses). For pediatric patients weighing over 45 kg, the usual adult dose should be used.

The therapeutic antibacterial serum activity will usually persist for 24 hours following recommended dosage.

When used in streptococcal infections, therapy should be continued for 10 days.

Administration of adequate amounts of fluid along with capsule and tablet forms of drugs in the tetracycline class is recommended to wash down the drug and reduce the risk of esophageal irritation and ulceration. (See ADVERSE REACTIONS.)

If gastric irritation occurs, it is recommended that doxycycline be given with food or milk. The absorption of doxycycline is not markedly influenced by simultaneous ingestion of food or milk.

Studies to date have indicated that administration of doxycycline at the usual recommended doses does not lead to excessive accumulation of doxycycline in patients with renal impairment.

Uncomplicated gonococcal infections in adults (except anorectal infections in men): 100 mg, by mouth, twice a day for 7 days. As an alternate single-dose dose, administer 300 mg stat followed in one hour by a second 300 mg dose.

Acute epididymo-orchitis caused by *N. gonorrhoeae*: 100 mg, by mouth, twice a day for at least 10 days.

Primary and secondary syphilis: 300 mg a day in divided doses for at least 10 days.

Uncomplicated urethral, endocervical, or rectal infection in adults caused by *Chlamydia trachomatis*: 100 mg, by mouth, twice a day for at least 7 days.

Nongonococcal urethritis caused by *C. trachomatis* and *U. urealyticum*: 100 mg, by mouth, twice a day for at least 7 days.

Acute epididymo-orchitis caused by *C. trachomatis*: 100 mg, by mouth, twice a day for at least 10 days.

Inhalational anthrax (post-exposure): ADULTS: 100 mg of doxycycline, by mouth, twice a day for 60 days. CHILDREN: weighing less than 45 kg: 2.2 mg/kg of body weight, by mouth, twice a day for 60 days. Children weighing 45 kg or more should receive the adult dose.

HOW SUPPLIED

Doxycycline capsules USP, 75 mg are opaque brown captopaque white body hard gelatin capsules size "7" having imprinting "A" on cap with black ink and "241" on body with black ink filled with yellow to brown granular powder. Each capsule contains doxycycline monohydrate equivalent to 75 mg doxycycline.

NDC 46708-249-30 bottle of 30 capsules

NDC 46708-249-31 bottle of 100 capsules

Doxycycline capsules USP, 100 mg are opaque brown captopaque yellow body hard

gelatin capsules size "1" having imprinting "A" on cap with white ink and "1242" on body with brown ink filled with yellow to brown granular powder. Each capsule contains doxycycline monohydrate equivalent to 100 mg doxycycline.

- NDC 46708-250-30 bottle of 30 capsules
- NDC 46708-250-50 bottle of 50 capsules
- NDC 46708-250-60 bottle of 60 capsules
- NDC 46708-250-61 bottle of 250 capsules

Store at 25°C (77°F); excursions permitted to 15° to 30°C (59° to 86°F) [see USP Controlled Room Temperature].

Dispense in a light light-resistant container as defined in the USP/NF.

ANIMAL PHARMACOLOGY AND ANIMAL TOXICOLOGY

Hypersensitization of the thyroid has been produced by members of the tetracycline class in the following species: in rats by oxytetracycline, doxycycline, tetracycline P.O., and methacycline; in rabbits by doxycycline, minocycline, tetracycline P.O., and methacycline; in dogs by doxycycline and minocycline; in monkeys by minocycline. Minocycline, tetracycline P.O., methacycline, doxycycline, tetracycline base, oxytetracycline HCl and tetracycline HCl were teratogenic in rats fed a low iodine diet. This teratogenic effect was accompanied by high radioactive iodine uptake. Administration of minocycline also produced a large organ with high radioactive uptake in rats fed a relatively high iodine diet.

Treatment of various animal species with the class of drugs has also resulted in the induction of thyroid hyperplasia in the following: in rats and dogs (minocycline), in chickens (oxytetracycline) and in rats and mice (oxytetracycline). Adrenal gland hyperplasia has been observed in goats and rats treated with oxytetracycline.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

REFERENCES

1. Clinical and Laboratory Standards Institute (CLSI). Performance Standards for Antimicrobial Susceptibility Testing—Twenty-Seventh International Supplement, CLSI document M100-S27 (2017). CLSI document M100S27. Clinical Laboratory Standards Institute, 950 West Valley Road, Suite 2500, Wayne Pennsylvania 19087, USA.
2. Clinical and Laboratory Standards Institute (CLSI). Methods for Dilution Antimicrobial Susceptibility Tests for Bacteria that Grow Aerobically; Approved Standard - Tenth Edition, CLSI document M7-A10 (2015). Clinical Laboratory Standards Institute, 950 West Valley Road, Suite 2500, Wayne Pennsylvania 19087, USA.
3. Clinical and Laboratory Standards Institute (CLSI). Performance Standards for Antimicrobial Disk Diffusion Susceptibility Tests; Approved Standard - Twelfth Edition, CLSI document M7-A12 (2015). Clinical Laboratory Standards Institute, 950 West Valley Road, Suite 2500, Wayne Pennsylvania 19087, USA.
4. Clinical and Laboratory Standards Institute (CLSI). Methods for Antimicrobial Dilution and Disk Susceptibility Testing of Infrequently Isolated or Fastidious Bacteria; Approved Guideline - Third Edition, CLSI document M45A3 (2015). Clinical Laboratory Standards Institute, 950 West Valley Road, Suite 2500, Wayne Pennsylvania 19087, USA.
5. Clinical and Laboratory Standards Institute (CLSI). Methods for Antimicrobial Susceptibility Testing of Anaerobic Bacteria; Approved Standard - Eighth Edition, CLSI document M11-A8 (2012). Clinical Laboratory Standards Institute, 950 West Valley Road, Suite 2500, Wayne Pennsylvania 19087, USA.
6. Clinical and Laboratory Standards Institute (CLSI). Methods for Mycobacteria, Nocardiae, and Other Aerobic Actinomycetes; Approved Standard - Second Edition, CLSI document M24-A2 (2011). Clinical Laboratory Standards Institute, 950 West Valley Road, Suite 2500, Wayne Pennsylvania 19087, USA.
7. Clinical and Laboratory Standards Institute (CLSI). Methods for Antimicrobial Susceptibility Testing for Human Mycoplasmas; Approved Guideline, CLSI document M43-A (2011). Clinical Laboratory Standards Institute, 950 West Valley Road, Suite 2500, Wayne Pennsylvania 19087, USA.
8. Friedman JM and Pollak JE. Teratogenic Effects of Drugs: A Resource for Clinicians (TERIS). Baltimore, MD: The Johns Hopkins University Press; 2000: 149-195.
9. Czeizel AE and Rockenbauer M. Teratogenic study of doxycycline. *Obstet Gynecol* 1997;89:524-528.
10. Horne HW Jr. and Kundi RB. The role of mycoplasmas among 81 consecutive pregnancies: a prospective study. *Int J Fertil* 1980; 25:315-317.
11. Hale T. Medications and Mothers Milk, 9th Edition. Amarillo, TX: Pharmasoft Publishing 2000; 225-226.

Manufactured by:
Alconic Pharmaceuticals Limited
(Formulation Division),
Village Perlebas, P.O. Tigran,
Near Baska, Taluka-Hald,
Panchmahal 389350, Gujarat, India

Revised: 04/2017

PACKAGE LABEL PRINCIPAL DISPLAY PANEL 75 mg

Doxycycline Capsules, USP 75 mg (30's bottle pack)
Each capsule contains doxycycline monohydrate, equivalent to 75 mg of doxycycline USP
46708-249-30



PACKAGE LABEL PRINCIPAL DISPLAY PANEL 100 mg

Doxycycline Capsules, USP 100 mg (30's bottle pack)
Each capsule contains doxycycline monohydrate, equivalent to 100 mg of doxycycline USP
46708-250-30



DOXYCYCLINE				
doxycycline capsule				
Product Information				
Product Type	HUMAN PRESCRIPTION DRUG	NDC Code (Source)	NDC 46708-250	
Route of Administration	ORAL			
Active Ingredient/Active Moiety				
Ingredient Name	Strength	Strength	Strength	
DOXYCYCLINE (NDC 46708-250-30) DOXYCYCLINE ANHYDROUS	DOXYCYCLINE	75 mg		
Inactive Ingredients				
Ingredient Name	Strength			
HYDROXYSTYRENE CELLULOSE (NDC 46708-250-30)				
SODIUM STARCH GLYCOLATE TYPE A POTATO (NDC 46708-250-30)				
POVIDONE (NDC 46708-250-30)				
SILICON DIOXIDE (NDC 46708-250-30)				
TRICRYLATE (NDC 46708-250-30)				
FERRIC OXIDE (NDC 46708-250-30)				
FERRIC OXIDE YELLOW (NDC 46708-250-30)				
TITANIUM DIOXIDE (NDC 46708-250-30)				
GELATIN (NDC 46708-250-30)				
SODIUM LAURYL SULFATE (NDC 46708-250-30)				
INWELAC (NDC 46708-250-30)				
POTASSIUM SORBATE (NDC 46708-250-30)				
Product Characteristics				
Color	White to off-white opaque (single white tablet)	Score	No score	
Shape	Capsule	Size	8mm	
Flavor		Imprint Code	A121	
Contains				
Packaging				
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC 46708-249	30 (3) 307TLE Type 9 Not a Combination Product	03/31/2017	
2	NDC 46708-249	30 (3) 307TLE Type 9 Not a Combination Product	03/31/2017	
Marketing Information				
Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date	
NDC	ANDA08165	03/31/2017		

DOXYCYCLINE			
doxycycline capsule			
Product Information			
Product Type	HUMAN PRESCRIPTION DRUG	NDC Code (Source)	NDC 46708-250
Route of Administration	ORAL		
Active Ingredient/Active Moiety			
Ingredient Name	Strength	Strength	Strength
DOXYCYCLINE (NDC 46708-250-30) DOXYCYCLINE ANHYDROUS	DOXYCYCLINE	100 mg	
Inactive Ingredients			
Ingredient Name	Strength		
HYDROXYSTYRENE CELLULOSE (NDC 46708-250-30)			
SODIUM STARCH GLYCOLATE TYPE A POTATO (NDC 46708-250-30)			
POVIDONE (NDC 46708-250-30)			
SILICON DIOXIDE (NDC 46708-250-30)			
TRICRYLATE (NDC 46708-250-30)			
FERRIC OXIDE (NDC 46708-250-30)			
FERRIC OXIDE YELLOW (NDC 46708-250-30)			
TITANIUM DIOXIDE (NDC 46708-250-30)			
GELATIN (NDC 46708-250-30)			
SODIUM LAURYL SULFATE (NDC 46708-250-30)			
INWELAC (NDC 46708-250-30)			
POTASSIUM SORBATE (NDC 46708-250-30)			
www.alconic.com (NDC 46708-250-30)			

Product Characteristics				
Color:	White (opaque brown cap opaque yellow body)	Score:	NA 11074	
Shape:	Capsule	Size:	20mm	
Flavor:		Imprint Code:	A,142	
Contains:				
Packaging				
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	100-46788-010	30 x 1 BOTTLE, Type 0, Not a Combination Product	07/31/2017	
2	100-46788-020	30 x 1 BOTTLE, Type 0, Not a Combination Product	07/31/2017	
3	100-46788-030	30 x 1 BOTTLE, Type 0, Not a Combination Product	07/31/2017	
4	100-46788-040	30 x 1 BOTTLE, Type 0, Not a Combination Product	07/31/2017	
Marketing Information				
Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date	
ANDA	ANDA 09145	07/31/2017		
Labeler - Amicco Pharmaceuticals Limited (05577463)				
Establishment				
Name	Address	DUNS	Business Operations	
Amicco Pharmaceuticals Limited	14501 145th		MANUFACTURE/700, 090, 46788-010	
Revised: 1/2022				
Amicco Pharmaceuticals Limited				