






# WHO International Biological Reference Preparations

Held and Distributed by the WHO International Laboratories for Biological Standards

## ANTIBIOTICS

PREPARATION	STANDARD	MATERIAL	HELD AT	CODE	WHO/BS DOCUMENT	
Amphotericin B, Lyophilized, 944 IU / mg. Approximately 100 mg of Amphotericin B.	2nd International Standard, 2007	Antibiotic	EDQM	ISA_29078	07.2073	
Bacitracin, Lyophilized, Approximately 100 mg of zinc bacitracin (74 IU / mg).	2nd International Standard, 1964	Antibiotic	EDQM	62/003	64.681	
Bleomycin complex A2/B2, Lyophilized, 8,910 IU / ampoule.	1st International Reference Preparation, 1980	Antibiotic	EDQM	78/547	80.1276	
Colistin, Lyophilized, 20,500 IU / mg. Approximately 75 mg of colistin sulfate.	1st International Standard, 1968	Antibiotic	EDQM	65/062	68.923	
Colistin methane sulfonate, Lyophilized, 12,700 IU / mg. Approximately 75 mg of colistin methane sulfonate.	1st International Reference Preparation, 1968	Antibiotic	EDQM	66/254	68.924	
Dihydrostreptomycin, Lyophilized, 820 IU / mg. Approximately 200 mg of dihydrostreptomycin sulfate.	2nd International Standard, 1966	Antibiotic	EDQM	62/013	66.829	
Erythromycin, Lyophilized, 920 IU / mg. Approximately 75 mg of erythromycin A base.	2nd International Standard, 1978	Antibiotic	EDQM	76/538	78.1228	
Gentamicin, Lyophilized, 31,020 IU / ampoule.	2nd International Standard, 1995	Antibiotic	EDQM	92/670	95.1811	
Gramicidin, Lyophilized, 1,070 IU / mg. Approximately 100 mg of Gramicidin.	2nd International Standard, 2008	Antibiotic	EDQM	ISA_28168	08.2100	
Influenza pandemic H1N1 virus antibody, Lyophilized, 1300 IU / ampoule	1st International Standard, 2010	Human serum	NIBSC	09/194	10.2137	
Kanamycin, Lyophilized, 10,345 IU / ampoule.	1st International Standard, 1986	Antibiotic	EDQM	83/521	86.1515	
Neomycin, Lyophilized, 775 IU / mg. Ampoules containing approximately 50 mg of neomycin sulfate.	2nd International Reference Preparation, 1975	Antibiotic	EDQM	72/406	75.1097	
Neomycin B, Lyophilized, 670 IU / mg. Ampoules containing approximately 25 mg of neomycin B sulfate.	1st International Reference Preparation, 1975	Antibiotic	EDQM	68/041	75.1098	
Netilmicin, Lyophilized, 4,810 IU / ampoule.	1st International Standard, 1989	Antibiotic	EDQM	83/577	89.1628	
Nystatin, Lyophilized, 5710 IU / mg. Approximately 100 mg of Nystatin	3rd International Standard, 2007	Antibiotic	EDQM	ISA_29384	07.2072	
Polymyxin B, , 8,403 IU / mg. Approximately 75 mg of purified polymyxin B sulfate.	2nd International Standard, 1969	Antibiotic	EDQM	67/301	69.990	
Rifamycin SV, Lyophilized, 887 IU / mg. Approximately 100 mg of sodium Rifamycin SV.	1st International Reference Preparation, 1967	Antibiotic	EDQM	66/231	67.885	
Sisomicin, Lyophilized, 35,200 IU / ampoule.	1st International Standard, 1984	Antibiotic	EDQM	80/543	84.1434	

## ANTIBIOTICS

PREPARATION	STANDARD	MATERIAL	HELD AT	CODE	WHO/BS DOCUMENT
 Spiramycin, Lyophilized, 3,200 IU / mg. Approximately 50 mg.	1st International Reference Preparation, 1964	Antibiotic	EDQM	62/008	64.692
 Streptomycin, Lyophilized, 78,500 IU / ampoule.	3rd International Standard, 1980	Antibiotic	EDQM	76/539	80.1273
 Teicoplanin, Lyophilized, 51,550 IU / ampoule.	1st International Standard, 1990	Antibiotic	EDQM	90/704	90.1642
 Tobramycin, Lyophilized, 9,800 IU / ampoule.	2nd International Standard, 1985	Antibiotic	EDQM	82/510	85.1504
 Vancomycin, Lyophilized, 109,700 IU per vial	2nd International Standard, 2010	Antibiotic	EDQM	ISA 39036	10.2151 