

DRUG NAME	TRADE NAME	DOSAGE FORM	FIRM	TESTS PERFORMED	WHY TESTED	RESULTS
Alprazolam	XANAX XR (brand)	Extended Release Tablets	Pfizer Italia-S.r.l.	Dissolution, ID, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Alprazolam	XANAX (brand)	Tablets	Pfizer Pharmaceuticals LLC	Dissolution, ID, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Amoxicillin	Generic	Capsules	American Antibiotics Inc.	Dissolution, ID, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Amoxicillin	Generic	Tablets	Teva Canada Ltd	Assay, Dissolution, ID, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Amoxicillin	Generic	Tablet	Sandoz	Assay and Raman Comparison	Consumer complaint (ineffectiveness)	Passed Test
Amphotericin B	Generic	For Injection	X-Gen Pharmaceuticals, Inc.	Assay	Assess potency	Passed Test
Brompheniramine Maleate / Pseudoephedrine Hydrochloride / Dextromethorphan Hydrobromide	BROMFED DM (RLD)	Oral Syrup	Wockhardt	Propylene Glycol content via HPLC-RI	Determine propylene glycol content	Passed Test
Buprenorphine	BUTRANS (RLD)	Transdermal	LTS Lohmann Therapie-Systeme AG	Test separation of inner disk from system	Reports that inner disk could be easily removed from generic product	Passed Test
Buprenorphine	Generic	Transdermal	Actavis Laboratories, Inc.	Test separation of inner disk from system	Reports that inner disk could be easily removed from generic product	Failed Test
Cephalexin	Generic	Capsules	Aurobindo Pharma Limited	Assay, Impurities (HPLC & HPLC-MS), NMR	Adverse event	Passed Test
Colistimethate	Generic	For Injection	JHP Pharmaceuticals	Assay	Assess potency accuracy	Passed Test
Colistimethate	Generic	For Injection	X-Gen Pharmaceuticals	Assay	Assess potency accuracy	Passed Test
Cyclosporine (Restasis® )	RESTASIS (RLD)	Ophthalmic Emulsion	Allergan	Globule size distribution and zeta potential of various lots to determine variability of RLD	Comparative clinical endpoint study	Passed Test
Deoxycholic acid	KYBELLA (RLD)	Injection Solution	Kythera Biopharmaceuticals Inc.	ID, assay and impurities	Assess market quality	Passed Test
Doxorubicin HCl Liposome	DOXIL (RLD)	Injection	Janssen	Total Sulfate, Histidine (LC-MS), and ammonium sulfate (SAX)	Comparative study	Passed Test
Doxorubicin HCl Liposome	Generic	Injection	Sun Pharmaceuticals	Total Sulfate, Histidine (LC-MS), and ammonium sulfate (SAX)	Comparative study	Passed Test
Doxycycline Hyclate	Generic	Capsules	West-Ward Pharmaceuticals	Assay and Impurities Testing (USP)	Assess market quality	Passed Test
Heparin Sodium	Generic	IV Solution	B. Braun Medical Inc.	USP potency (anti-factor IIa) testing, strong anion exchange high performance liquid chromatography (SAX-HPLC), and 1D proton nuclear magnetic resonance (NMR)	Adverse event	Passed Test
Hydralazine HCl	Generic	Tablets	Hetero Drugs Limited	Dissolution, Impurities, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test

Hydralazine HCl	Generic	Tablets	Teva Czech Industries s.r.o.	Dissolution, Impurities, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Hydrocodone Bitartrate and Acetaminophen	Generic	Tablets	Sun Pharmaceuticals	Dissolution	Consumer complaint: lack of efficacy	Passed Test
Hydrocodone Bitartrate and Acetaminophen	Generic	Tablets	Mallinckrodt, Inc.	Dissolution	Consumer complaint: lack of efficacy	Passed Test
Hydrocodone Bitartrate and Acetaminophen	Generic	Tablets	Mallinckrodt Inc.	Assay, Dissolution, ID, Related Compounds, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Calfactant	INFASURF (RLD)	Intratracheal Suspension	Ony, Inc.	Test clogging of the tubes under required conditions as well as other experimental conditions to determine cause of clog, particle sizing	Adverse Event	Passed Test
Levetiracetam	Generic	Extended Release Tablets	Teva Pharma	Dissolution	Consumer Complaints	Passed Test
Lidocaine	Generic	Transdermal	Actavis, Inc.	90° peel adhesion to stainless steel, shear adhesion and tack, cold flow	Consumer complaints	Cold Flow Failed, all others Passed
Metformin HCl	Generic	Extended Release Tablets	Amneal Pharmaceuticals	Dissolution, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Metformin HCl	Generic	Extended Release Tablets	Apotex Inc.	Dissolution, CU, WV	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Metformin HCl	Generic	Extended Release Tablets	Inventia Healthcare Private Ltd	Dissolution, CU, WV	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Metformin HCl	Generic	Extended Release Tablets	Mylan Laboratories Limited	Dissolution, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Metformin HCl	Generic	Extended Release Tablets	Sun Pharmaceutical Industries	Dissolution, CU, WV	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Metformin HCl	Generic	Extended Release Tablets	Teva Generics	Dissolution, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Metformin HCl	Generic	Tablets	Alkem Laboratories Ltd	Dissolution, CU, WV	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Metformin HCl	Generic	Tablets	Amneal Pharmaceuticals	Dissolution, CU, WV	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Metformin HCl	Generic	Tablets	Blu Caribe Inc.	Dissolution, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Metformin HCl	Generic	Tablets	Emcure Pharmaceuticals Limited	Dissolution, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Metformin HCl	Generic	Tablets	Glenmark Generics Ltd	Dissolution, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed test
Metformin HCl	Generic	Tablets	Granules India Limited	Dissolution, CU, WV	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Metformin HCl	Generic	Tablets	Sun Pharmaceutical Industries	Assay, Dissolution, ID, Related Compounds, CU, WV	Compare high risk solid oral generic products made by India and non-India firms	Passed Test

Metoprolol Succinate	Generic	Extended Release Tablets	Dr. Reddy's Laboratories Ltd	Assay, Impurities, Dissolution, CU	Assess market quality	Passed Test
Metoprolol Tartrate	Generic	Tablets	Emcure Pharmaceuticals Limited	Dissolution, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Metoprolol Tartrate	Generic	Tablets	Ipca Laboratories Limited	Assay, Dissolution, ID, CU, WV, Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Niacin/Simvastatin	SIMCOR (brand)	Extended Release Tablets	Abbvie Inc.	Dissolution, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Pravastatin Sodium	Generic	Tablets	Apotex	Dissolution, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Pravastatin Sodium	Generic	Tablets	Glenmark Generics Ltd	Dissolution, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Pravastatin Sodium	Generic	Tablets	Teva Czech Industries	Dissolution, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Propafenone HCl	RYTHMOL (brand)	Tablets	Halo Pharmaceuticals	Assay, Dissolution, ID, Related Compounds, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Propafenone HCl	Generic	Tablets	Vintage Pharm (Qualitest Pharmaceuticals)	Assay, Dissolution, ID, Related Compounds, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Propranolol HCl	Generic	Tablets	Teva Czech Industries	Assay, Dissolution, CU, WV	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Propranolol HCl and Hydrochlorothiazide	Generic	Tablets	Mylan Pharmaceuticals Inc.	Assay, Dissolution, ID, Related Compounds, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Rituximab	RITUXAN (RLD)	Injection	Genentech	Induction of apoptosis using flow cytometry and two cellular stains	Assess market quality	Passed Test
Simvastatin	Generic	Tablets	Blu Caribe Inc.	Dissolution, CU, WV	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Simvastatin	Generic	Tablets	Lupin Limited	Dissolution, CU, WV, & Physical Attributes	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Simvastatin	Generic	Tablets	Teva Czech Industries	Dissolution, CU, WV	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Tacrolimus	PROGRAF (brand)	Capsules	Astellas Pharma US, Inc.	Assay, Impurities and Dissolution	Assess market quality	Passed Test
Tacrolimus	Generic	Capsules	Sandoz	Assay, Impurities and Dissolution	Assess market quality	Passed Assay and Impurities; Failed Dissolution
Tacrolimus	Generic	Capsules	Dr. Reddy's Laboratories Ltd	Assay, Impurities and Dissolution	Assess market quality	Passed Test
Valsartan	DIOVAN (RLD)	Tablet	Novartis Pharmaceuticals Corporation	Assay, Dissolution, Raman Comparison	Consumer complaint	Passed Test
Valsartan	Generic	Tablet	Teva	Assay, Dissolution, Raman Comparison	Consumer complaint	Passed Test
Valsartan	Generic	Tablet	Ohm Laboratories Inc.	Assay, Dissolution, Raman Comparison	Consumer complaint	Passed Test

Venlafaxine HCl	Generic	Tablets	Dr. Reddy's Laboratories Ltd	Dissolution, CU, WV	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Venlafaxine HCl	Generic	Tablets	Teva Pharm Industries	Dissolution, CU, WV	Compare high risk solid oral generic products made by India and non-India firms	Passed Test
Verapamil HCl	CALAN (RLD)	Tablets	G.D. Searle LLC Division of Pfizer Inc.	Dissolution	Assess market quality	Passed Test
Warfarin Sodium	Generic	Tablets	Taro Pharmaceuticals U.S.A., Inc.	IPA Content (GC), Dissolution	Adverse event report	Failed Test
Warfarin Sodium	COUMADIN (brand)	Tablets	Bristol-Myers Squibb	IPA Content (GC), Dissolution	Adverse event report	Passed Test
Warfarin Sodium	Generic	Tablets	Invagen Pharmaceuticals	IPA Content (GC), Dissolution	Adverse event report	Passed Test
Warfarin Sodium	Generic	Tablets	Zydus Pharmaceuticals	IPA Content (GC), Dissolution	Adverse event report	Passed Test