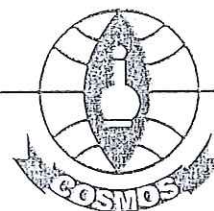


COSMOS LIMITED

Pharmaceutical manufacturers



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CERTIFICATE OF ANALYSIS

Working standard name	Metformin Hydrochloride	Raw material source	Wanbury Limited
Working standard number	WRS-M04/06	Raw material B/NO	ME10811015
Effective date	11/05/2016	Raw material Mfg date	01/10/2015
Valid upto	10/05/2018	Raw material Exp date	30/09/2020
Reference standard batch number	J0L465	Reference standard source	USP
Test(s) qualified for	Assay	Certificate NO:	WRS-0122
Test protocol	BP		
ITEMS	SPECIFICATIONS	RESULTS	
Description	White or almost crystalline powder.	White crystalline powder.	
Identification	The infrared absorption spectrum is concordant with the spectrum obtained from Metformin Hydrochloride standard.	The infrared absorption spectrum was concordant with the spectrum obtained from Metformin Hydrochloride standard.	
Loss on drying	NMT 1.0% w/w	0.06% w/w	
Assay (% w/w on “as is” basis)	98.5- 101.0	99.9	
Storage	In the refrigerator under lock and key at temperatures between 2-8°C		

The above referred material complies with the BP specifications.

Name: Benjamin M.

Signature:

Date: 11/05/2016

ANALYST

Name: CATHERINE WANDIRI

Signature:

Date: 11/05/2016

QUALITY CONTROL MANAGER

Name: MESHACK OLEO OGENO

Signature:

Date: 11/05/2016

COMPANY PHARMCIST

