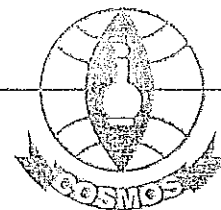


# COSMOS LIMITED

Pharmaceutical manufacturers



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## CERTIFICATE OF ANALYSIS

Working standard name	Lamivudine	Raw material source	Shanghai Desano Chemical Pharmaceutical Co.Ltd China
Working standard number	WS-L02/07	Raw material B/NO	DBH010-4-B15B-150414
Effective date	19/05/2015	Raw material Mfg date	14/04/2015
Valid upto	18/05/2017	Raw material Exp date	13/04/2019
Reference standard Lot number	I0M388	Reference standard source	USP Convention, Inc. 12601 Twinbrook Parkway Rockville MD 20852
Test(s) qualified for	Assay	Certificate NO:	WRS-0002
Test protocol	USP		
<b>ITEMS</b>	<b>SPECIFICATIONS</b>		<b>RESULTS</b>
Description -	White to off- white powder		Off-white powder.
Identification	The infrared absorption spectrum is concordant with the reference spectrum obtained from USP Lamivudine RS.		The infrared absorption spectrum was concordant with the reference spectrum obtained from USP Lamivudine RS lot I0M388.
Assay (% w/w on "as is" basis )	98.0- 102.0%		100.4%
Storage	Kept in tightly closed container, protected from light and stored in a cool dry place		

The above referred material complies with the USP specifications.

Name: Dase J.

Signature: [Signature]

Date: 19/05/2015

ANALYST

Name: CATHERINE WANYIRU

Signature: [Signature]

Date: 19/05/2015

QUALITY CONTROL MANAGER

Name: Dr. Meshack Olang'o

Signature: [Signature]

Date: 19/05/2015

COMPANY PHARMACIST