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**CERTIFICATE OF ANALYSIS**  
**WORKING STANDARD**

Name	: Lamivudine USP	A.R. No.	: MLAWS015000132
Source Batch No.	: 22117702	Batch No	: 50048661
Date of Standardization	: 22/11/2015	Retest Date	: 15/05/2016
Ref.Specification	: RMSLMD536-00	Validity	: 15/11/2016
Storage Condition	: Store in well closed, light resistant containers below 30°C	Standardized against	: Lamivudine USPRS Lot No.I0M388

S.No.	Test	Specification	Results
1)	Description	White to off-white solid.	Off-white solid.
2)	Identification By Infrared absorption	The infrared absorption spectrum of the finely ground test sample in mineral oil should exhibit maxima only at the same wavelengths as that of a similar preparation of Lamivudine RS/WS.	The infrared absorption spectrum of the finely ground test sample in mineral oil exhibits maxima only at the same wavelengths as that of a similar preparation of Lamivudine USPRS Lot No.I0M388.
3)	Water determination (By Coulometric Titration)	Not more than 0.20% w/w	0.03 % w/w
4)	Assay(By HPLC)	Not less than 98.0% w/w and not more than 102.0% w/w of 'Lamivudine' $C_8H_{11}N_3O_3S$ , calculated on the anhydrous and solvent free basis.  Also report on 'as-is' basis.	100.2% w/w  100.0% w/w

**Remarks:** This working standard complies/~~does not comply~~ with above reference specification.

	Prepared By	Checked By	Approved By
Name	Moham Mokashi	Gokulakrishnan	Gokulakrishnan
Sign			
Date	23/11/15	28/11/15	23/11/15

MLLAGB-SOP-QC-GEN-0026 A19-02-09-15

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