

WRS L3-6

UNIVERSAL

CORPORATION LIMITED

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CERTIFICATE OF ANALYSIS

| | | | |
|---|--|---|--|
| Working standard name | Lamivudine | Raw material source | Shangai Desano Chemical Pharmaceutical Co. Ltd |
| Working standard number | WRS LE15-105 | Raw material B/No | DBH010-4-B15B-120415B |
| Effective date | 03/2015 | Raw material Mfg date | 04/2012 |
| Valid up to | 03/2016 | Raw material Exp date | 03/2016 |
| Reference standard batch number | 105232 | Reference standard source | W.H.O |
| Test(s) qualified for | Assay | Certificate No: | WRS-0293 |
| Test protocol | PH.INT. | | |
| ITEMS | SPECIFICATIONS | RESULTS | |
| Description | A white or almost white powder | Almost white powder | |
| Identification: C. Infrared absorption Spectrophotometry D. Optical rotation Heavy Metals Loss on drying Sulphated ash | C. The Infrared absorption spectrum of the sample is concordant with the spectrum obtained with reference spectrum of Lamivudine D. -135° to -144° NMT 20PPM NMT 5.0 mg/g. NMT 2.0 mg/g. | C. The Infrared absorption spectrum of the sample is concordant with the spectrum obtained with reference spectrum of Lamivudine. D. -139.83° ≤ 20PPM 0.3 mg/g. 1.4 mg/g. | |
| Assay (% w/w on as is basis) | 97.0% -103.0% | 101.74 % | |
| Storage | Kept in tightly closed container, protected from light and stored in a cool dry place | | |

The above referred material **complies/ does not comply** with the PH.INT.specifications

Name: SIMONE KUPIM
Signature: [Signature]
Date: 18/03/15

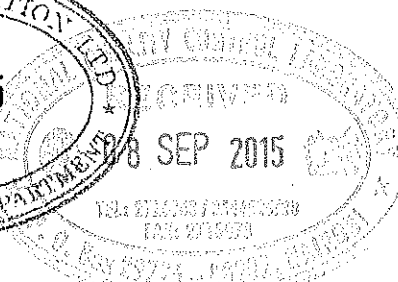
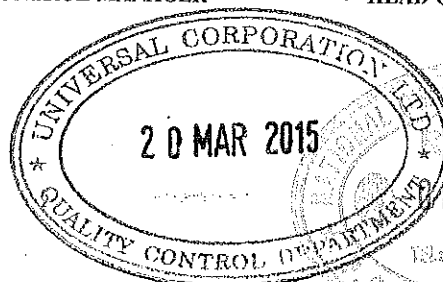
ANALYST

Name: DR-RADNANI J
Signature: [Signature]
Date: 20/03/15

QUALITY CONTROL MANAGER

Name: Dr. Tum, HARA
Signature: [Signature]
Date: 20/03/15

HEAD QUALITY ASSURANCE



UNIVERSAL
CORPORATION LIMITED



DIRECTORS: P.R Dhanani (British), R.R. Dhanani (Kenyan), P. Keskitalo (Finnish),
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