**CERTIFICATE OF ANALYSIS**

**CERTIFICATE No:**  CAN/2015-16/XYZ

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| **PRODUCT** | ALUVIA 200 mg /50 mg TABLETS | | REF. NO: NDQD201508121 |
| **DATE RECEIVED:** 06.08.2015 | **LABEL CLAIM:** | Each film-coated tablet contains: Lopinavir 200 mg, Ritonavir 50 mg. | |
| **BATCH NO.:** 365658D | **PRESENTATION:** | Brick red coloured, caplet shaped, biconvex faced tablets, embossed with the manufacturer's logo and 'AL' on one face and plain on the other, packed in a white plastic multidose container fitted with a child proof cap carrying 120 tablets. | |
| **MGF. DATE:** Sep.2013 | **MANUFACTURER:** | ABBOTT GmbH & Co. KG. | |
| **EXP. DATE:** Aug.2017 | **ADDRESS:** | Knollstrasse, Ludwigshafen, GERMANY. | |
| **CLIENT REF NO:** | **CLIENT:** | National AIDS and STI Control Programme P.O. BOX 19361 Nairobi | |
| LPV/01/16.03.2015/000366 | **TEST(S) REQUESTED:** | Uniformity of Weight, Identification, Dissolution, Assay | |

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| **TEST** | **METHOD** | **COMPEDIA** | **SPECIFICATION** | **DETERMINED** | **REMARKS** |
| **Uniformity of Weight** | Weight | B.P. 2012 Vol .V App XII C | NMT 2 tablets deviate by more than x% from mean weight | None Deviates | **COMPLIES** |
| **Identification** | HPLC | Ph. Int. 5th Edition 2015 (Online Version) | RT of the major peaks in the assay sample preparation correspond to that in the assay standard preparation |  | **COMPLIES** |
| **Identification** | HPLC | Ph. Int. 5th Edition 2015 (Online Version) | RT of the major peaks in the assay sample preparation correspond to that in the assay standard preparation | Super-imposable peaks at RT 5.4 and 7.2 Â± 10% min. present in both the assay sample and standard reparations | **COMPLIES** |
| **Assay** | HPLC | Ph. Int. 5th Edition 2015 (Online Version) | 90.0-110.0 |  | **COMPLIES:COMPLIES** |
| **Assay** | HPLC | Ph. Int. 5th Edition 2015 (Online Version) | 90.0-110.0 | Lopinavir 104.1% (n=9; RSD=0.6%) | **COMPLIES:COMPLIES** |
| **Assay** | HPLC | Ph. Int. 5th Edition 2015 (Online Version) | 90.0-110.0 |  | **COMPLIES:COMPLIES** |
| **Assay** | HPLC | Ph. Int. 5th Edition 2015 (Online Version) | 90.0-110.0 | Ritonavir 104.5% (n=9; RSD=0.5%) | **COMPLIES:COMPLIES** |

**CONCLUSION:** The product complies with the specifications for the tests performed.

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| ANALYST: | MR. D. MOENGA |  | DATE:09-08-2015 |
| ANALYST: | DR. G. WANGANGA |  | DATE:01-10-2015 |
| ANALYST: | SERAH MUTERU |  | DATE:10-09-2015 |
| DIRECTOR: | HEZEKIAH CHEPKWONY |  | DATE:10-13-2015 |