**CERTIFICATE OF ANALYSIS**

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

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| **PRODUCT** | LINA TABLETS 5 mg | | REF. NO: NDQD201507020 |
| **DATE RECEIVED:** 09.07.2015 | **LABEL CLAIM:** | Each tablet contains: Linagliptin (Manufacturer's specs.)5 mg. | |
| **BATCH NO.:** NV 1 | **PRESENTATION:** | Pinked coloured, circular shaped, biconvex faced tablets, packed in a blister strip of 10 tablets with 3 such strips in a unit box. | |
| **MGF. DATE:** Aug. 2014 | **MANUFACTURER:** | CCL Pharmaceuticals (Pvt.) Ltd. | |
| **EXP. DATE:** Jul. 2016 | **ADDRESS:** | 62-Industrial Estate, Kot Lakhpat, Lahore, PAKISTAN. | |
| **CLIENT REF NO:** | **CLIENT:** | CCL Pharmaceuticals Ltd co Harleys Ltd P.o Box 42718-00100 Nairobi | |
|  | **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 7.5% from mean tablet weight | None Deviates | **COMPLIES** |
| **Identification** | HPLC | Manufacturer's in-House Method | RT of the major peak in the assay sample preparation corresponds to that in the assay standard preparation | Super-imposable peak at RT | **COMPLIES** |
| **Identification** | HPLC | Manufacturer's in-House Method | RT of the major peak in the assay sample preparation corresponds to that in the assay standard preparation | 12.6 +/- 10% min. present in both the assay sample and standard preparations | **COMPLIES** |
| **Dissolution** | UV | Manufacturer's In-House Method | No tablet less than 80.0% [n=6] | 108.5% (n=6; RSD=4.4%) | **COMPLIES:** |
| **Assay** | HPLC | Manufacturer's In-House Method | 90.0 - 110.0% | 94.3% (n=6; RSD=0.3%) | **COMPLIES:** |

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

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| ANALYST: | DR. S. MWANGI |  | DATE:09-02-2015 |
| REVIEWER: | DR. S. MWANGI |  | DATE:10-14-2015 |
| ANALYST: | NICHOLAS MWAURA |  | DATE:11-03-2015 |
| DIRECTOR: | HEZEKIAH CHEPKWONY |  | DATE:11-06-2015 |