**CERTIFICATE OF ANALYSIS**

**CERTIFICATE No:** CAN/2015-16/668

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| **PRODUCT** | NATECAL D3 600 mg + 400 I.U. ORODISPERSIBLE TABLETS | | REF. NO: NDQD201503142 |
| **DATE RECEIVED:** 17.03.2016 | **LABEL CLAIM:** | Calcium Carbonate 600 mg & Cholecalciferol 400 U.I. | |
| **BATCH NO.:** 14023 | **PRESENTATION:** | tablets loosely packed in a platic container | |
| **MGF. DATE:** Not Indicated | **MANUFACTURER:** | ITALFARMACO S.p.A. | |
| **EXP. DATE:**  Jun. 2016 | **ADDRESS:** | Viale Fulvio Testi, 330 - 20126 Milano, ITALY | |
| **CLIENT REF NO:** | **CLIENT:** | LORDS Healthcare Limited P. O. Box 49397 - 00100, Nairobi, KENYA | |
|  | **TEST(S) REQUESTED:** | Uniformity of Weight, Identification, Disintegration, Assay | |

**RESULTS**

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| **TEST** | **METHOD** | **COMPEDIA** | **SPECIFICATION** | **DETERMINED** | **REMARKS** |
| **Uniformity of Weight** | Weight | BP 2016 Vol. V App XII C | NMT 2 tablets deviate by more than 5% from mean tablet weight | None Deviates | **COMPLIES** |
| **Identification** | HPLC:followed by Ass | Manufacturer's In House-Method | 0 | A precipitate insoluble in 6N Acetic acid soluble in hydrochloric acid is formed | **COMPLIES** |
| **Disintegration** | Disintegration | Manufacturer's In House-Method | All tablets disintegrate within 180 sec [n=6] | All tablets disintegrated within 180 sec | **COMPLIES** |
| **Assay** | HPLC:Titration:Titr | MOA 1430 | 95-115% | Calcium carbonate (Average=99.48%, RSD=0.43%, n=3) | **:** |
| **Assay** | HPLC:Titration:Titr | MOA 1430 | 95-115% | Cholecalciferol (Average=111.75%, RSD=1.56%, n=9) | **:** |

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

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| ANALYST: | DR. J. CHEPCHUMBA |  | DATE:31-05-2016 |
| ANALYST: | DR. G. WANG'ANG'A |  | DATE:31-05-2016 |
| ANALYST: | NICHOLAS MWAURA |  | DATE:05-31-2016 |
| DIRECTOR: | HEZEKIAH CHEPKWONY |  | DATE:05-31-2016 |
| ANALYST: | MICHAEL SANGALE |  | DATE:06-02-2016 |
| ANALYST: | GEORGE WANG'ANG'A |  | DATE:06-08-2016 |