**CERTIFICATE OF ANALYSIS**

**CERTIFICATE No:** CAN/2016-2017/304

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| **PRODUCT** | MAXADOL(R) TABLETS | | **REF. NO: NDQD201609100** |
| **DATE RECEIVED:** 08-09-2016 | **LABEL CLAIM:** | Each tablet contains: 500 mg of Paracetamol B.P. | |
| **BATCH NO.:** 2504 | **PRESENTATION:** | Off white coloured, circular shaped, flat faced, bevel edged tablets, single scored on one side and embossed 'MAXADOL' on the other, packed in a blister strip of 10 tablets in a printed box containing 10 such strips. | |
| **MFG. DATE:** May 2016 | **MANUFACTURER:** | MAC'S Pharmaceuticals Ltd. | |
| **EXP. DATE:**  Apr. 2019 | **ADDRESS:** | Off Shimo La Tewa Road, P. O. Box 43912 - 00100, Nairobi, KENYA. | |
| **CLIENT REF NO:** | **CLIENT:** | MAC'S Pharmaceutical Ltd. P. O. Box 43912 - 00100, Nairobi, KENYA. | |
|  | **TEST(S) REQUESTED:** | Uniformity of Weight, Identification, Dissolution, Assay | |

**RESULTS**

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| **TEST** | **METHOD** | **COMPENDIA** | **SPECIFICATION** | **DETERMINED** | **REMARKS** |
| **Uniformity of Weight** | Weight | BP 2016 Vol. V App XII C | NMT 2 tablets deviate by more than 5% from mean weight | None Deviates | **COMPLIES** |
| **Identification** | HPLC | USP 38 NF 33 Page 2009 | RT of the major peak in the assay sample preparation corresponds to that in the assay standard preparation | Super-imposable peak at RT 5.5 -/+ 10% min. present in both the assay sample and standard preparations | **COMPLIES** |
| **Dissolution** | UV | USP 38 NF 33 Page 2009 | No Tablet Less Than 85% | Average | **COMPLIES** |
| **Dissolution** |  |  |  | 90% (Range |  |
| **Dissolution** |  |  |  | 86 - 94%) (RSD = 3.5%; n = 6) |  |
| **Assay** | HPLC | USP 38 NF 33 Page 2009 | 90.0 - 110.0% | 100.1% (RSD = 0.9%; n = 9) | **COMPLIES** |

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

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| **ANALYST:** | LORNA WANGARI | .......................................................... | DATE: 10-03-2016 |
| **REVIEWER** | DR. GEORGE WANG'ANG'A | .......................................................... | DATE: 01-11-2016 |
| **ANALYST:** | ERNEST MBAE | .......................................................... | DATE: 11-01-2016 |
| **DIRECTOR:** | HEZEKIAH CHEPKWONY | .......................................................... | DATE: 11-29-2016 |