**CERTIFICATE OF ANALYSIS**

**CERTIFICATE No:** CAN/2016-2017/819

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| **PRODUCT** | NORPIL (TM) 1 TABLETS | | **REF. NO: NDQD201601646** |
| **DATE RECEIVED:** 05.01.2016 | **LABEL CLAIM:** | Each tablet contains Levonorgesterol 1.5 mg. | |
| **BATCH NO.:** 511001 | **PRESENTATION:** | cream coloured, circular shaped,biconvex faced tablets, single scored on one face and plain on the other, packed in a blister strip of one tablet in a unit box and five such boxes in a larger box. | |
| **MGF. DATE:** Nov. 2015 | **MANUFACTURER:** | SQUARE Pharmaceuticals Ltd. | |
| **EXP. DATE:**  Oct. 2017 | **ADDRESS:** | BANGLADESH. | |
| **CLIENT REF NO:** | **CLIENT:** | Ace Pharmaceuticals Ltd, P.O BOX 19900-00202, Nairobi, KENYA | |
|  | **TEST(S) REQUESTED:** | Uniformity of Content, Identification, Dissolution, Assay | |

**RESULTS**

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| **TEST** | **METHOD** | **COMPEDIA** | **SPECIFICATION** | **DETERMINED** | **REMARKS** |
| **Identification** | HPLC | BP 2016 Vol III Page 765 | RT of the major peak in the assay sample preparation corresponds to that in the assay standard preparation | Super-imposable peak at RT 8.4 -/+ 10% min. present in both the assay sample and standard preparations | **COMPLIES** |
| **Uniformity of Content** | HPLC | BP 2016 Vol III Page 765 | Acceptance value of the ten dosage units is NMT 15% | AV=2% [n=10] | **COMPLIES** |
| **Dissolution** | HPLC | USP 38 NF 33 Page 4087 | No tablet less than 80% [n=6] | 85% (RSD=5.8%;n=6) | **COMPLIES** |
| **Assay** | HPLC | BP 2016 Vol III Page 765 | 90.0 - 110.0% | Levonorgestrel 99.8% (RSD=1.03%;n=10) | **COMPLIES** |

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

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| **ANALYST:** | DR. J. CHEPCHUMBA | .......................................................... | DATE: 23-05-2016 |
| **ANALYST:** | DR. G. WANG’ANG’A | .......................................................... | DATE: 23-05-2016 |
| **ANALYST:** | ERNEST MBAE | .......................................................... | DATE: 06-22-2016 |
| **DIRECTOR:** | HEZEKIAH CHEPKWONY | .......................................................... | DATE: 07-18-2016 |