**CERTIFICATE OF ANALYSIS**

**CERTIFICATE No:** CAN/2016-2017/82

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| **PRODUCT** | CORZIDE A TABLETS | | **REF. NO: NDQD201601656** |
| **DATE RECEIVED:** 14.01.2016 | **LABEL CLAIM:** | Each uncoated tablets contains Amiloride Hydrochloride BP equivalent to Anhydrous Amiloride Hydrochloride 5 mg and Hydrochlorothiazide BP 50 mg. | |
| **BATCH NO.:** DCZZHH1401 | **PRESENTATION:** | Orange coloured, triangular shaped, biconvex faced tablets, single scored on one face and plain on the other, packed in a blister strip of 10 tablets and 10 such strips in a unit box. | |
| **MFG. DATE:** Jun. 2014 | **MANUFACTURER:** | CORAL Laboratories Ltd. | |
| **EXP. DATE:**  May 2017 | **ADDRESS:** | Plot No.57/1, (16), Bhenslore, Dunetha, Nani Daman-396 210, INDIA | |
| **CLIENT REF NO:** | **CLIENT:** | TWOKAY CHEMICALS LTD P.O Box 46169-00100 Nairobi, KENYA | |
|  | **TEST(S) REQUESTED:** | Uniformity of Weight, Identification, Dissolution, 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 | USP 38 NF 33 Page 2172 | RT of the component peaks in the assay sample preparation correspond to those in the assay standard preparation | Super-imposable peaks at RT 5.5 and 6.4 -/+ 10% min. present in both the assay sample and standard preparations | **COMPLIES** |
| **Dissolution** | HPLC | USP 38 NF 33 Page 2172 | Amiloride Hydrochloride No tablet less than 85% [n=6] | Average = 102% Range | **COMPLIES** |
| **Dissolution** |  |  | Hydrochlorothiazide No tablet less than 80% [n=6] | 100 - 103% (RSD=1.2%, n=6) | **COMPLIES** |
| **Dissolution** |  |  |  | Average = 89% Range |  |
| **Dissolution** |  |  |  | 86 - 90% (RSD=1.8%, n=6) |  |
| **Assay** | HPLC | USP 38 NF 33 Page 2172 | 90.0 -110.0% | Amiloride Hydrochloride 106.4% (RSD=0.7%, n=9) | **COMPLIES** |
| **Assay** |  |  |  | Hydrochlorothiazide 97.5% (RSD=0.8%, n=9) | **COMPLIES** |

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

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| **ANALYST:** | DR. J. CHEPCHUMBA | .......................................................... | DATE: 21-06-2016 |
| **ANALYST:** | DR. G. WAN'GANG'A | .......................................................... | DATE: 28-06-2016 |
| **ANALYST:** | ERNEST MBAE | .......................................................... | DATE: 08-23-2016 |
| **DIRECTOR:** | HEZEKIAH CHEPKWONY | .......................................................... | DATE: 09-05-2016 |