**CERTIFICATE OF ANALYSIS**

**CERTIFICATE No:**  CAN/2016-17/XYZ

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| **PRODUCT** | ARTESUN-PLUS TABLETS | | REF. NO: NDQD201508218 |
| **DATE RECEIVED:** 24.08.2015 | **LABEL CLAIM:** | Artesunate 25.00 mg, Amodiaquine base 67.50 mg, (as hydrochloride) 88.16 mg, Excipients q.s.f. 1 tablet. | |
| **BATCH NO.:** SH140305 | **PRESENTATION:** | White and yellow coloured bi-layered, circular shaped tablets, embossed '25' on the white coloured face but plain on the yellow face, packed in blister strips of 3 tablets in a unit box and 20 such boxes in a larger box. | |
| **MGF. DATE:** 22. Mar. 2014 | **MANUFACTURER:** | GUILIN Pharmaceuticals Co. Ltd. | |
| **EXP. DATE:**  21. Mar. 2016 | **ADDRESS:** | No.43 Qilidian Road, Guilin 541004, Guangxi, CHINA. | |
| **CLIENT REF NO:** | **CLIENT:** | Pharmacy Board Of Sierra Leone, Central Medical Stores, Free Town, SIERRA LEONE | |
| PVG/GFM/FT/PUB/26/3/15 | **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 7.5% from mean tablet weight | None Deviates | **COMPLIES** |
| **Identification** | HPLC | Adopted In-House Method | RT of the component peaks in the assay sample preparations correspond to those in the assay standard preparations | Super-imposable peaks at RT 2.0 & 8.3 -/+ 10% min. present in both the assay sample and standard preparations | **COMPLIES** |
| **Dissolution** | HPLC | Adopted In-House Method | No tablet less than 80% [n=6] | Amodiaquine 86.3% (RSD=1.3%, n=6) | **COMPLIES:COMPLIES** |
| **Dissolution** | HPLC | Adopted In-House Method | No tablet less than 80% [n=6] | Artesunate 96.9% (RSD= 1.1, n=6) | **COMPLIES:COMPLIES** |
| **Assay** | HPLC | Adopted In-House Method | Amodiaquine 93.0 - 107.0%: Artesunate 90.0 - 110.0%: | Amodiaquine 98.7% (RSD=1.1%, n=9) | **COMPLIES:COMPLIES** |
| **Assay** | HPLC | Adopted In-House Method | Amodiaquine 93.0 - 107.0%: Artesunate 90.0 - 110.0%: | Artesunate 97.6% (RSD=1.0%, n=6) | **COMPLIES:COMPLIES** |

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

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| ANALYST: | MR. M. SANGALE |  | DATE:07-01-2016 |
| ANALYST: | DR. G. WANG'ANG'A |  | DATE:07-01-2016 |
| ANALYST: | ERNEST MBAE |  | DATE:01-11-2016 |
| DIRECTOR: | HEZEKIAH CHEPKWONY |  | DATE:02-11-2016 |