**CERTIFICATE OF ANALYSIS**

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

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| **PRODUCT** | NORMAL SALINE DILUENT | | REF. NO: NDQD201509247 |
| **DATE RECEIVED:** 01.09.2015 | **LABEL CLAIM:** | Sterile normal saline as a diluent for pox vaccines. | |
| **BATCH NO.:** 420315 | **PRESENTATION:** | A clear colourless solution for veterinary use, contained in a 100 mL translucent plastic bottle fitted with a metallic cap. | |
| **MGF. DATE:** Feb. 2015 | **MANUFACTURER:** | JORDAN Bio Industries Centre. | |
| **EXP. DATE:** Feb. 2020 | **ADDRESS:** | P.O. Box 43 Amman 11941, JORDAN. | |
| **CLIENT REF NO:** | **CLIENT:** | JORDAN BIO-INDUSTRIES CENTRE c/O SUMMIT PHARMACEUTICALS LTD. P.O BOX 43 AMMAN 11941 JORDAN | |
|  | **TEST(S) REQUESTED:** | Sterility, Bacterial Endotoxin, Assay, Acidity/Alkalinity | |

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| **TEST** | **METHOD** | **COMPEDIA** | **SPECIFICATION** | **DETERMINED** | **REMARKS** |
| **Sterility** | Membrane Filtration | B.P. 2012 Vol. V App. XVI A | No Microbial Growth | No Microbial Growth | **COMPLIES** |
| **Bacterial Endotoxin** | LAL | B.P. 2012 Vol. III Page 3288 | Less than 0.25 EU/mL | 8.1 x 10-6 EU/mL | **COMPLIES** |
| **Assay** | Titration | B.P. 2012 Vol. III Page 3289 | Sodium Chloride 0.9% w/v 95.0 - 105.0% | 101.0% (RSD=0.7%; n=3) | **COMPLIES** |
| **Acidity/Alkalinity** | pH | U.S.P 38 N.F 33 Page 5314 | 4.5 - 7.0 | 6.6 | **COMPLIES** |

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

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| ANALYST: | MR. M. SANGALE |  | DATE:09-10-2015 |
| ANALYST: | MR. M. SANGALE |  | DATE:26-10-2015 |
| REVIEWER: | DR. R. MANANI |  | DATE:28-10-2015 |
| ANALYST: | NICHOLAS MWAURA |  | DATE:11-03-2015 |
| DIRECTOR: | HEZEKIAH CHEPKWONY |  | DATE:11-06-2015 |