**CERTIFICATE OF ANALYSIS**

**CERTIFICATE No:** CAN/2015-16/696

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| **PRODUCT** | SODIUM HYPOCHLORITE SOLUTION USP | | REF. NO: NDQD201511563 |
| **DATE RECEIVED:** 17.11.2015 | **LABEL CLAIM:** | Sodium Hypochlorite 4.0 - 6.0% w/v. | |
| **BATCH NO.:** 35605 | **PRESENTATION:** | Pale yellow coloured solution contained in a 1 litre white plastic container. | |
| **MGF. DATE:** Jun. 2015 | **MANUFACTURER:** | NJIMIA (K) Ltd. | |
| **EXP. DATE:**  Dec. 2016 | **ADDRESS:** | P.O. Box 68502-00622 Nairobi, KENYA. | |
| **CLIENT REF NO:** | **CLIENT:** | NJIMIA (K) LTD P.O BOX 68502-00622 | |
|  | **TEST(S) REQUESTED:** | Identification, Assay, Acidity/Alkalinity | |

**RESULTS**

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| **TEST** | **METHOD** | **COMPEDIA** | **SPECIFICATION** | **DETERMINED** | **REMARKS** |
| **Identification** | Colour | USP 38 NF 33 Page 5323 | A.: The Solution, at first, colours red litmus blue and then bleaches it. B.: Addition of 3 N HCl to the solution causes an evolution of chlorine. | A. | **COMPLIES** |
| **Identification** | Colour | USP 38 NF 33 Page 5323 | A.: The Solution, at first, colours red litmus blue and then bleaches it. B.: Addition of 3 N HCl to the solution causes an evolution of chlorine. | The Solution, at first, coloured red litmus blue and then bleached it. B. | **COMPLIES** |
| **Identification** | Colour | USP 38 NF 33 Page 5323 | A.: The Solution, at first, colours red litmus blue and then bleaches it. B.: Addition of 3 N HCl to the solution causes an evolution of chlorine. | Addition of 3 N HCl caused an evolution of chlorine. | **COMPLIES** |
| **Assay** | Titration | Manufacturer's In-House Method | 4.0 - 6.0% w/v | 5.2% w/v (RSD=1.3%;n=3) | **COMPLIES** |
| **Acidity/Alkalinity** | pH | Manufacturer's In-House Method | 10.0 - 13.0% | 12.2 | **COMPLIES** |

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

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| ANALYST: | DR. E. MUTUA |  | DATE:02-06-2016 |
| ANALYST: | DR. G. WANG'ANG'A |  | DATE:02-06-2016 |
| ANALYST: | EMMANUEL TANUI |  | DATE:06-08-2016 |
| DIRECTOR: | HEZEKIAH CHEPKWONY |  | DATE:06-09-2016 |