

Natural Immunogenics Corporation

Department: Regulatory & Quality Control

REF SOP QC-36 & QA-41

Subject: COA for Silver Hydrosol - Evidence of Finished Product Quality and Purity

Customer Certificate of Analysis – CoA

Regulatory Compliance: International regulatory standards for the manufacture of dietary supplements and Pharmaceutical Drugs require the Issuance of a COA for each bulk batch of product to confirm that specifications are met in terms of product identity, purity, strength and composition. Complete quality & purity testing were performed and results are recorded in the batch record. This batch is hereby certified to have been produced in accordance with the Formulary, Quality controls, Specifications and Characteristics set forth by Natural Immunogenics Corp proprietary formulations. There have been no revisions or changes, which have occurred during the production of this batch except as noted herein.

| Product Name: <i>Sovereign Silver</i> | | Batch # S039010720 | Lot(s) # JA062S | Expiry: 12/2022 |
|--|---|--|--|---------------------------|
| ANALYTICAL DATA | PRODUCT SPECIFICATIONS | TEST RESULTS | TEST METHOD USED | |
| Silver concentration in Parts Per Million [PPM] | Min: 11.0 – Max: 12.5 | 12.4 | Validated Atomic Absorption Spectrophotometry: SOP LAB-65/85 | |
| pH | 5.5 to 7.5 | 6.0 | SOP LAB-02 | |
| Conductivity (µS) | 10.5 – 17.0 µS/cm | 13.8 | SOP LAB-05 | |
| Endotoxins / Pyrogens | <0.25 EU/mL Endotoxin Units per mL | 0.113 | SOP LAB-32 | |
| PRODUCT CHARACTERISTICS | | | | |
| Color | Clear to slightly tinted | Clear | Visual | |
| Taste | Slightly metallic | Ingestion | | |
| Speciation via TEM Analysis | Fine and uniform | Transmission Electron Microscopy SOP LAB-23 | | |
| Additional purity testing routinely performed by fully accredited third party laboratories | | | | |
| Silver Purity | ≥99.999% | ICP Mass Spec – ISO 15338 or equivalent; SOP QC-18 | | |
| Microbiology: Total Plate Count | <100 cfu / gm | USP <61> | | |
| Molds & Yeast (Aerobic Plate Count) | <10 cfu / gm | USP <61> | | |
| Salmonella sp, and E. coli, | Negative / 10 gm | USP <62> | | |
| Staphylococcus aureus and Pseudomonas sp | Negative / 10 gm | USP <62> | | |
| Carbamates | MBR: Finished Product Specifications correlated to MCLG per WHO, EPA, US FDA 21CFR165.110, Australian & Canadian standards for drinking water | EPA 531.1 or equivalent | | |
| Heavy metals | | ICP-MS by EPA 200 series; Methods: SW6020 A and Method SW3010A or equivalent | | |
| Organochlorine Pesticides | | EPA 508 - Method: SW3510C or equivalent | | |
| Organophosphorus Pesticides | | EPA 8270 - Method SW3510C or equivalent | | |
| <i>Transcript from original CoA</i> | | | | |
| By: <u>Christine Medina</u> Print name | | <u>QA Document Control Specialist</u> Title | | <u>01/29/2020</u> Date |

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