

Natural Immunogenics Corporation

Department: Laboratory

REF SOP No.: LAB-72 R.5

Subject: Certificate of Analysis (COA) for CuAg Hydrosol

Attachment 1 - Certificate of Analysis – COA for CuAg Hydrosol

Regulatory Compliance: International regulatory standards for the manufacture of bulk material for further processing, dietary supplements and/or OTC Pharmaceuticals require the Issuance of a COA for each 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 NIC proprietary formulations. There have been no revisions or changes during the production of this batch except as noted herein.

Bulk Batch No: **CuAg007042821**

Expiry: **03/2022**

Filled Lot: **KE001C** (100 X 2oz / 59mL) – Samples Not For Resale

ANALYTICAL DATA	PRODUCT SPECIFICATIONS	TEST RESULTS	TEST METHOD USED
Final Copper Concentration (ppm)	11.0 – 12.5 ppm	12.1	SOP LAB-65 or LAB-85
Final Silver Concentration (ppm)	1.5-2.5 ppm	1.9	SOP LAB-65 or LAB-85
pH	5.0 to 7.5	5.3	LAB-02
PRODUCT CHARACTERISTICS			
Color	Clear to slightly tinted	Clear	Visual

IN-HOUSE MICROBIAL PURITY TESTING OF THE BOTTLED PRODUCTS

ANALYTICAL DATA	PRODUCT SPECIFICATIONS	TEST RESULTS	TEST METHOD USED	BY (Initials and Date)
TOTAL AEROBIC COUNT (HPC)	<100 CFU/mL	<100 CFU/mL	SOP LAB-91	KEM – May 03, 2021
TOTAL MOLD AND YEAST	<10 CFU/mL	<10 CFU/mL		KEM – May 03, 2021

Additional testing performed by fully accredited third-party laboratories upon request, or in-house			
Taste	None to slightly metallic	Ingestion	
Microbiology: Total Plate Count	<100 cfu / mL	USP <61>; In-house Bioburden assay	
Mold & Yeast	<10 cfu / mL	USP <61>; In-house Bioburden assay	
Salmonella sp, and E. coli,	Negative	USP <62> or equivalent	
Staphylococcus aureus & Pseudomonas sp	Negative	USP <62> or equivalent	
BCC	Negative	USP <60> or equivalent	
Carbamates	MBR: Finished Product Specifications correlated to MCLG per WHO, EPA, US FDA 21CFR165.110, Australian & Canadian standards for drinking water – See SOP RA-QA-39	EPA by 531.1 or equivalent	
Heavy metals		ICP-MS by EPA 200 series; Methods: SW6020 A, and SW3010A, or equivalent	
Organochlorine Pesticides		EPA 508 - Method: SW3510C, or equivalent	
Organophosphorous Pesticides		EPA 8270 - Method SW3510C, or equivalent	

FINAL COA REVIEW AND APPROVAL

	PRINT NAME	TITLE	SIGNATURE & DATE
COA REVIEWED & APPROVED BY: (RA/QA/QC)	KAY MITCHEN	Director Regulatory Affairs	[Signature] May 3, 2021