BLUUM

Manufactured by: Vita Tissue
Distributed by: Aesthetic Rep Group (ARG)

Certificate of Conformity

Product Name Bluum Exosomes (for Professional Topical Cosmetic Use Only)

Contents Exosomes derived from Human Umbilical Cord (Wharton's Jelly) Mesenchymal Stem Cells 20 Billion or 200 Billion in 5 mL or 6mL suspension with sterile saline

Lot ID 20A0043
Cord Lot ID S-051323

MSC Lot Release Date 05/13/2023
Exosome Manufacturing Release Date 08/15/2023
ExpirationDate 09/09/2028

Storage and Shelf Life from Date Received:
Samples are shipped frozen on dry ice and should be moved immediately after delivery to a -80° C freezer (for up to 15 months), -20° C freezer (for up to 6 months), or 4° C refrigerator (for up to 3 months). Shelf Life from Date Received is not to exceed Expiration Date.

TESTS	Testing Provider	Test Result	Release Criteria	Approval for release
Initial Pathogen Testing of Umbilical Cord				
HepatitisBSurfaceAg	VRL	Negative	Negative	Approved
HepatitisCVirusAb	VRL	Negative	Negative	Approved
HIV-1/HIV-2PlusO	VRL	Negative	Negative	Approved
SyphilisScreening-Nontreponemal	VRL	Negative	Negative	Approved

Testing performed by Independent CLIA lab (Eurofins DPT CLIA #20A0043)

Exosome Characterization and Quantification by Nanoparticle Tracking Analysis (NTA)

CERTIFICATE OF ANALYSIS

FILL VOLUME:	6mL
PRODUCT NAME:	Bluum 20 Billion Exosomes
LOT NUMBER:	20A0043
EXPIRATION DATE:	9.9.2028

STORAGE CONDITIONS:	Product should be stored at -20° Celsius or colder.

ACCEPTANCE CRITERIA:	SPECIFICATIONS:	RESULT:		APPROVAL STATUS:
Particle Concentration (particles/mL) by Nanoparticle Tracking Analysis (NTA)	≥ 2.5e10	2.9e10 +/- 1.32e10		APPROVED
Sterility Testing of Final Containers and Biological Products (Direct Method) per USP <71>	No Growth	No Growth		APPROVED
Determination of Endotoxin Using Kinetic Chromogenic LAL- Testing per USP <85>	< 2.5 EU/mL	Dilution Factor: 1 Endotoxin Content: < 0.05 EU/mL	Spike Recovery: 105%	APPROVED

Sterile filtered (0.2 µm). Quality Control (QC) Testing for Sterility, Endotoxin, and Nanoparticle Tracking Analysis were conducted in compliance with current Good Manufacturing Practices (cGMP).

ALL TEST RESULTS MEET SPECIFICATIONS OUTLINED ABOVE.

CERTIFICATE OF ANALYSIS

FILL VOLUME:	5 mL
PRODUCT NAME:	Bluum 200 Billion Exosomes
LOT NUMBER:	20A0043
EXPIRATION DATE:	9.9.2028

STORAGE CONDITIONS:	Product should be stored at -20° Celsius or colder.

ACCEPTANCE CRITERIA:	SPECIFICATIONS:	RESULT:		APPROVAL STATUS:
Particle Concentration (particles/mL) by Nanoparticle Tracking Analysis (NTA)	≥ 3.5e11	4.71e11 +/- 1.09e10		APPROVED
Sterility Testing of Final Containers and Biological Products (Direct Method) per USP <71>	No Growth	No Growth		APPROVED
Determination of Endotoxin Using Kinetic Chromogenic LAL- Testing per USP <85>	< 2.5 EU/mL	Dilution Factor: 1 Endotoxin Content: < 0.05 EU/mL	Spike Recovery: 106%	APPROVED

Sterile filtered (0.2 µm). Quality Control (QC) Testing for Sterility, Endotoxin, and Nanoparticle Tracking Analysis were conducted in compliance with current Good Manufacturing Practices (cGMP).

ALL TEST RESULTS MEET SPECIFICATIONS OUTLINED ABOVE.

Safety and Quality Testing of MSCs and Stem Cell Conditioned Media				
Endotoxin	VRL 62003	0.674	< 1.0 EU/mL	Approved
Sterility	VRL 62003	Negative	Negative	Approved
Bioburden	VRL 62003	Negative	Negative	Approved
Mycoplasma	VRL 62003	Negative	Negative	Approved
TreponemapallidumCAPTIA	VRL 62003	Non Reactive	Non Reactive	Approved
HIVI/II	VRL 62003	Non Reactive	Non Reactive	Approved
HBV	VRL 62003	Non Reactive	Non Reactive	Approved
HCV	VRL 62003	Non Reactive	Non Reactive	Approved
HTLVI/II	VRL 62003	Non Reactive	Non Reactive	Approved

RELEASE SIGNATURE

Roy Korth, Senior Vice President — **DATE** August 16th, 2023

Lorynce Sheline, Compliance Specialist — **DATE** August 16th, 2023

******Enclosed product is for Professional Topical Cosmetic Use Only. It is not intended for use in clinical diagnosis, patient/donor management or human clinical trials. Product is xeno-free, serum-free, and never tested on animals.******