CERTIFICATE OF ANALYSIS

Product Name:	Liposomal Vitamin C	**Product Code(s):**	P000002A
Customer:	Novoma	**Customer Product Code(s):**	-
Formulation Version:	1.0	**Batch Number:**	*002799
Date of Manufacture:	08/06/2022	**Expiry Date:**	05/2024

Product has been manufactured in accordance with its Product Specification Sheet. Please see copy of the Product Specification Sheet for formulation and ingredient details.

Physical Analysis	Method (as necessary)	Acceptance Criteria	Result
Appearance[1]	-	Straw colour	Accepted
Average Fill Volume	-	300 ± 3 mL	Accepted

[1] Naturally sourced ingredients vary in both physical and organoleptic properties. Consequently, the appearance of products containing these ingredients may vary from batch to batch.

Active Ingredient Analysis[2]	Method (as necessary)	Acceptance Criteria
Vitamin C (as sodium ascorbate)	By input	1000 mg/5 mL

[2] Active ingredients not tested in house. Analysis performed by raw ingredient manufacturer(s) and quantified by input, i.e. confirming correct amount(s) of ingredient used in the batch record and the average fill weight is within the acceptance criteria.

Microbial Analysis	Method (as necessary)	Acceptance Criteria	Result[3]
Total Viable Aerobic Colony Count	FDA BAM	< 10^3 CFU/g	Pass
Total Yeasts and Moulds	FDA BAM	< 10^2 CFU/g	Pass
E. coli (including O157:H7)	FDA BAM	Absent/g	Pass
S. aureus	FDA BAM	< 10^2 CFU/g	Pass
Salmonella spp.	FDA BAM	Absent/25 g	Pass
Listeria spp.	FDA BAM	Absent/25 g	Pass
P. aeruginosa	FDA BAM	Absent/g	Pass

[3] Result obtained from AOAC Accredited in-house quantitative analysis, using Luminescence spectrophotometry.

Heavy Metals Analysis	Method (as necessary)	Acceptance Criteria	Result
Arsenic	ICP-MS AOAC 993.14	Max 1.0 mg/kg	< 0.01 mg/kg
Cadmium	ICP-MS AOAC 993.14	Max 1.0 mg/kg	< 0.01 mg/kg
Lead	ICP-MS AOAC 993.14	Max 3.0 mg/kg	< 0.01 mg/kg
Mercury	ICP-MS AOAC 993.14	Max 0.1 mg/kg	< 0.01 mg/kg

Created By:	Dolly Gaddam
Position:	Quality control Associate
Authorisation Signature:	
Date:	11/07/2022

DOCUMENT REVISION HISTORY

Issue	Date	Page/Section	Amendments/Details	Authorised By
1.0	11/7/2022	All	None	Dolly Gaddam

Confirmation Signature:

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