

Challenge Test

R2009119002v2 / Ref: 1211

PRESERVATION EFFICACY TEST
CERTIFICATE OF ANALYSIS No R2009119002v2 / 03.09.2020

THIS CERTIFICATE CANCELS AND REPLACES R2009119002 / 03.09.2020

Attn: [REDACTED]
Client: [REDACTED] Greece

Tel: +30 210 2513930

Fax: +30 210 2513250

Sample description: Cosmetic

Client labeling: REF:1211, Comp. name: [REDACTED], Prod. Name: ELEMENTARY VITAMIN SERUM C
ID 1947, lot: 200622, pr.date:22/06/20, pH:6.96, P.S: Euxyl PE 9010 1%, Dermosoft Octiol 0.4%

Skylab-Med reference: 2007-1228/31

Sample packaging / weight: Plastic sterile container, 1x150ml

Sampling: Client

Transport: Skylab

Received on: 21/07/2020

Condition upon receipt: Normal

Duration of analyses: 21/07-31/08/2020

RESULTS

The Challenge Test was performed according to the experimental protocol of European Pharmacopoeia.

The examined micro-organisms are:

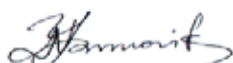
Pseudomonas aeruginosa, Staphylococcus aureus, Candida albicans, Aspergillus niger, Escherichia coli.

The product is assessed as having sufficient marginal antimicrobial protection according to Criteria A

Please find attached:

- 1) Table with the concentrations of the microorganisms versus test time.
- 2) Diagrams showing the % presence of each examined microorganism with time. In the same diagrams we show the typical profile that the microorganism should have according to European Pharmacopoeia.

SIGNATURE



Dr. Nicoletta Yannovits
Analytical Dept. Manager

Challenge Test

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Company name: BOTANIC DYNAMIC

Product description: ELEMENTARY VITAMIN SERUM C ID 1947

Sampler:

Starting date of analyses: 21/07/2020

Test material remarks: lot: 200622, pr.date:22/06/20, pH:6.96

Preservatives used:Euxyl PE 9010 1%, Dermosoft Octiol 0.4%

RESULTS

The Challenge Test was performed according to the experimental protocol of European Pharmacopoeia.

The examined micro-organisms are:

Pseudomonas aeruginosa, *Staphylococcus aureus*, *Candida albicans*, *Aspergillus niger*, *Escherichia coli*.

The product is assessed as having sufficient marginal antimicrobial protection according to Criteria A

Please find attached:

- 1) Table with the concentrations of the microorganisms versus test time.
- 2) Diagrams showing the % presence of each examined microorganism with time. In the same diagrams we show the typical profile that the microorganism should have according to European Pharmacopoeia.

SAMPLE 2007-1228/31

Days		Concentration per ml			
		2	7	14	28
	<i>Escherichia coli</i> 3.7×10^6	<10	<10	-	<10
	<i>Pseudomonas aeruginosa</i> 5.2×10^6	1.5×10^2	<10	-	<10
	<i>Staphylococcus aureus</i> 1.9×10^6	2.5×10^2	<10	-	<10
	<i>Candida albicans</i> 3.8×10^4	-	-	<10	<10
	<i>Aspergillus niger</i> 4.7×10^4	-	-	<10	<10

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