

PRESERVATION EFFICACY TEST CERTIFICATE OF ANALYSIS

COMPANY NAME : WE SELL HOPE
PRODUCT DESCRIPTION : WE SELL HOPE EVENING PRIMROSE ESSENCE OIL
LOT-BATCH NUMBER : KAB 01/2021.12.16
SAMPLER : QACS
START DATE : 08/07/2020
TEST MATERIAL REMARKS :

MICROBIOLOGICAL TEST ON RECEIPT

PARAMETER	REPORT	UNITS
Total Microbial Count	<10	cfu/g
Moulds & Yeasts	<10	cfu/g
Pseudomonas aeruginosa	Absence per g	
Staphylococcus aureus	Absence per g	
Candida albicans	Absence per g	

PROTOCOL

The test consists of challenging the preparation, with a prescribed inoculum of suitable micro-organisms, storing the inoculated preparation at ambient temperature, avoiding sunlight, withdrawing samples from the container at specified intervals of time and counting the organisms in the samples so removed. The preservative properties of the preparation are adequate if, in the conditions of the test, there is a significant fall or no increase, as appropriate, in the number of micro-organisms in the inoculated preparation after 2, 7, 14 and 28 days.

TEST FOR EFFICACY OF ANTIMICROBIAL PRESERVATION ACCORDING TO EUROPEAN PHARMACOPOEIA

PARAMETER	ATCC	LOT	INOCULATION	0 TIME	2nd DAY	7th DAY	14th DAY	28th DAY
Pseudomonas aeruginosa	9027	4847054	7.3E+05	6.7E+05	<100	<10	<10	<10
Staphylococcus aureus	6538	4854821	4.8E+05	3.9E+05	<100	<10	<10	<10
E. coli	8739	4835664	4.6E+05	4.0E+05	<100	<10	<10	<10
Candida albicans	10231	4435903	4.5E+05	3.9E+05	2.7E+05	5.4E+03	<10	<10
Aspergillus brasiliensis	16404	3929552	4.6E+05	4.2E+05	2.5E+04	7.6E+02	5.5E+01	<10

Units in cfu/g

CONCLUSION : Satisfactory, meet the relevant A-criteria

For the laboratory



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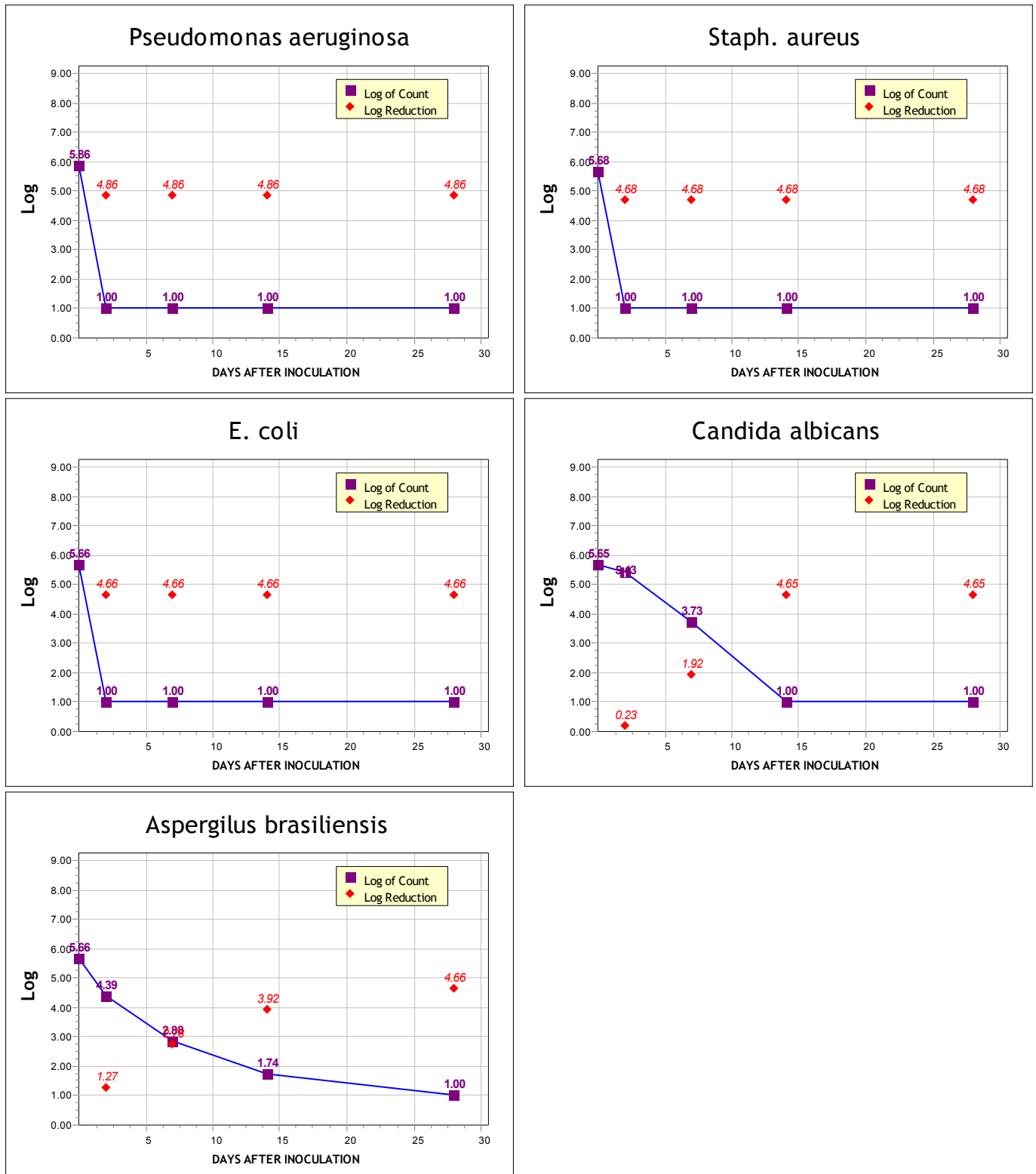
Testing
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CRITERIA

European Pharmacopoeia, Criteria A (B), limits in log reduction units, where NI: No Increase.

TIME	2 DAYS	7 DAYS	14 DAYS	28 DAYS
BACTERIA	2	3	- (3)	NI
MOULDS & YEASTS	-	-	2(1)	NI

LOG REDUCTION CHARTS



End report


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