

Ministry of Agriculture and Rural Resources
 P.O. Box 100, Tel-Aviv 6100001
 Tel: 03-5244444 Fax: 03-5244444

Iris Ofir
 Plant Protection and Inspection Services (PPIS)
 Ben Gurion Air port
 BTBen-Gurion@moag.gov.il

April 06, 2020

Re: **MICROBIOLOGICAL TEST OF SEEDS**

Official sample No. 45680-2020.2
 Certificate import no. 91546-2020

Sample Details:

Sample:	Coated cucumber seeds CUCUMIS SATIVUS	Lab ID:	2219
Variety:	million	Seeds origin:	NETHERLANDS
Lot No.	2108593(5972014)	Name of official Sampler:	Iris Ofir
Weight of sample:	90gr	Seed owner:	Efal Chemicals
Weight of shipment:		Date sampled: 29.03.2020	Date Received: 30.03.2020

TESTED FOR:	RESULTS
Acidovorax citrulli (Ac) - 1000 seeds, tested by PCR.	Negative

The tests were performed according to:
 S.O.P 126: "Detection of bacteria, viruses, Viroids by the RT-PCR method.

Comments:

1. Transportation: The sample was received in the laboratory without any means of protection from temperature changes.
2. Treatment: FLUDIOXONIL the treatment may interfere or mask the results.
3. ISRAC is not responsible for the testing results conducted by the laboratory and the laboratory's accreditation is not considered as an approval of ISRAC or different party related to the assessed.
4. This document must be referred to entirely and copying of any part of it to other documents is forbidden
5. The data in this certificate reflect results that are valid for analyzed samples only as received in the lab.
6. The protocols are not valid for coated pelleted seeds.
7. The test performed is under certification to ISO IEC 17025 standard

Final results are the PPIS representative responsibility.

End of certificate.

Sincerely yours,


 Isaac Assouline
 Head, Microlab Laboratories (99) LTD

Efal agri LTD
joan@Efal.com

April 06 ,2020

Dear Sirs,

Re: **MICROBIOLOGICAL RESULTS OF SEEDS**

Hereby, please find results of 1 sample of cucumber seeds, brought to our laboratory on March 30, 2020.

Transportation: The sample was received in the laboratory without any means of protection from temperature changes.

The sample was tested for:

Cucumber Green Mottle Mosaic Virus (CGMMV) - 20 replicates of 100 seeds each, by the ELISA method.

The tests were performed according to:

S.O.P 50: "Testing samples by the ELISA method".

CGMMV: Prime, Lot: C61937/ C61923 , Ex: 08/21.

RESULTS:

Lab ID	Sample	CGMMV
2219	Coated cucumber seeds Million 2108593(5972014)	Negative

*The chemicals used for the coating may interfere or mask the results, therefore 2 sub-samples were spiked with the target virus.

spiking results – OD 405nm

CGMMV*
BL=0.084
PC=2.419
NC=0.082
Cutoff=0.164
Spiking 1:10=0.432

Lab ID 2219:

Comments:

1. ISRAC is not responsible for the testing results conducted by the laboratory and the laboratory's accreditation is not considered as an approval of ISRAC or different party related to the assessed.
2. This document must be referred to entirely and copying of any part of it to other documents is forbidden.
3. The data in this certificate reflect results that are valid for analyzed samples only as received in the lab.
4. The protocols are not valid for coated/pelleted seeds.
5. The test performed is under certification to ISO/IEC 17025 standard

End of certificate.

Sincerely yours,


Isaac Assouline,

Head, Microlab Laboratories (99) LTD.