

רמת אופנהיימר 5 פארק רבין, רחובות  
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Re: **MICROBIOLOGICAL TEST OF SEEDS**

Official sample No.45053-2020/2

Certificate import no. 86874-2020

**Sample Details:**

Sample:	Coated pepper seeds Capsicum Annum	Lab ID:	711
Variety:	E 20S10302	Seeds origin:	VIETNAM
Lot No.	5942937	Name of official Sampler:	Iris Ofir
Weight of sample:	110gr	Seed owner:	Efal Chemicals
Weight of shipment:		Date sampled:29.01.2020	Date Received: 29.01.2020

<b>Tested for:</b>	<b>RESULTS</b>
Pseudomonas corrugata - 2 replicates of 5000 seeds each	Negative
Clavibacter michiganensis subsp. michiganensis - 2 replicates of 5000 seeds each	Negative
Erwinia carotovora - 2 replicates of 5000 seeds each	Negative
Xanthomonas vesicatoria- 2 replicates of 5000 seeds each	Negative
Tobamoviruses (TMV ToMV, ToMMV, PMMoV, *ToBRFV) - 12 replicates of 250 seeds each, by bioassay method.	Negative
Tomato black ring nepovirus - 1 replicate of 250 seeds	Negative
Tomato ringspot nepovirus -1 replicate of 250 seeds	Negative
Potato spindle tuber viroid (PSTVd) - 6 replicates of 500 seeds each by the PCR method.	Negative
Phytophthora capsici - 400 seeds	Negative

The tests were performed according to:

S.O.P 54: "Testing Tomato and Pepper seeds for Pt, Pc, Xv, Cmm, Er".

S.O.P 56: "Detection of infectious Tobamoviruses in tomato and pepper plants and seeds" according to: ISTA 7-028 (2019), ISHI-Veg (Sep 2019) "Detection of Infectious Tobamoviruses in Tomato seed" and " Detection of Infectious Tobamoviruses in Pepper seed".

S.O.P 83: "Detection of Fungi in seeds for: *Fusarium*, *Didymella*, *Phoma*, *Lasiodiplodia*, *Macrophomina*, *Colletotrichum*, *Alternaria*, *Stemphylium*, *Cladosporium*, *Phytophthora*, *Verticillium*."

S.O.P 103: "Detection of viruses in Solanacea seeds".

S.O.P 80: "Detection of Viroid from the Pospiviroid group including Potato Spindle Tuber Viroid (PSTVd) in plants and seeds by RT-PCR or qPCR method".

