



# Irradiation Reporting and Accountability Database

## Benebion

### 197 Benebion Tangerine box ID 265

Configuration ID: 2530	Box: <a href="#">Benbion Mango box # 31</a>
Commodity: Mandarin (Tangerine)	Reference Location: *8A5 (60.0cm from side, 135cm from floor of carrier)
Country of Origin: Mexico	Average Fruit Per Box: 113
Processing Speed: 1 m/s	Fruit Weight : 142 - 176 g
Maximum Box Density: 0.37 g/cm <sup>3</sup>	Load Density: 0.3 g/cm <sup>3</sup>
Box Weight (Min-Max): 15.61 - 20.23 kg	Target Dose: 150 Gy
	Rmin: 0.47 Rmax: 1.03
<b>Stacking Description:</b> 8 layers of 5 boxes base (3 boxes in one side, and the other side 2 boxes) = 40 boxes total.	
<b>Comments:</b> Entire pallet is covered with a large mesh bag Partial pallets not allowed	
Approved by: Marco Bautista (10/07/2021)	

### Configuration Images





## Targeted Pests

Pest Name	Common Name	Minimum Dose
1. <i>Tephritidae Anastrepha ludens</i>	Mexican fruit fly	150
2. <i>Tephritidae Anastrepha spp.</i>		150

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