



# Irradiation Reporting and Accountability Database

## Benebion

### 204 Benebion Tangerine box ID 1331

Configuration ID: 3539	Box: <a href="#">Benebion Citrus Box # 12</a>
Commodity: Mandarin (Tangerine)	Reference Location: *8A5 (60.0cm from side, 135cm from floor of carrier)
Country of Origin: Mexico	Average Fruit Per Box: 86
Processing Speed: 1 m/s	Fruit Weight : 67 - 199 g
Maximum Box Density: 0.49 g/cm <sup>3</sup>	Load Density: 0.38 g/cm <sup>3</sup>
Box Weight (Min-Max): 10.14 - 12.72 kg	Target Dose: 150 Gy
	Rmin: 0.39 Rmax: 1.01
<b>Stacking Description:</b> 9 layers of 8 boxes base (3 boxes in two side, and the middle side 2 boxes) = 72 boxes total.	
<b>Comments:</b> Entire pallet is covered with a large mesh bag Partial pallets not allowed	
Approved by: Marco Bautista (01/08/2022)	

### 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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