



# Irradiation Reporting and Accountability Database

## Benebion

### 147 Benebion Mango box ID 265

|  |  |
|--|--|
| Configuration ID: 410  | Box: <a href="#">Benbion Mango box # 31</a>                              |
| Commodity: Mango   | Reference Location: *8A5 (60.0cm from side, 135cm from floor of carrier) |
| Country of Origin: Mexico  | Average Fruit Per Box: 213   |
| Processing Speed: 1 m/s  | Fruit Weight : 79 - 145 g  |
| Maximum Box Density: 0.44 g/cm <sup>3</sup>  | Load Density: 0.39 g/cm <sup>3</sup>                                     |
| Box Weight (Min-Max): 22.99 - 24.6 kg  | Target Dose: 150 Gy  |
|  | Rmin: 0.38 Rmax: 1.02  |
| <b>Stacking Description:</b><br>7 layers of 5 boxes base (2 rows, one row with 3 boxes and other row with 2 boxes each) = 35 boxes total |  |
| <b>Comments:</b><br>Entire pallet is covered with a mesh bag<br>Partial pallets not allowed  |  |
| Approved by: Marco Bautista (02/23/2018)   |  |

### Configuration Images



### Targeted Pests

| Pest Name                                | Common Name             | Minimum Dose |
|--|-------------------------|--------------|
| 1. <i>Tephritidae Ceratitis capitata</i> | Mediterranean fruit fly | 150          |
| 2. <i>Tephritidae Anastrepha ludens</i>  | Mexican fruit fly       | 150          |
| 3. <i>Tephritidae Anastrepha obliqua</i> | West Indian fruit fly   | 150          |

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