



## Expected results – Bone detection

- **Bone detection for chicken breast meat:**

- Wishbone fragment: 99% (> 2mm in smallest dimension)
- Rib bone: 96% (> 2mm in smallest dimension)
- Delta bone (fan bone): 98% (close to whole bone)
- Delta bone fragment: 96% (> 1mm in thickness and > 5mm in other dimension)
- False positives: Generally below 3%

- **Other contaminants**

- Metal:  $\varnothing > 1.8\text{mm}$
- Stone:  $\varnothing > 2.0\text{mm}$
- Glass:  $\varnothing > 3.0\text{mm}$

- **Throughput**

- Flow-based: 4-4.5 Tons/h (8-9000 lbs/h)
- Piece-based: Typically 80-90 large butterflies/min  
up to 220 small fillets/min with two lanes



Note: detection rate, false positives and throughput vary between products, plant and customer requirements.