

# ■ AI QUALITY COPILOT - RCA REPORT

## GLASS-FRACTURE

AI Confidence	0.0%
Detected	
Risk Level	CRITICAL
Est. Cost	\$10-30K
Est. Downtime	6-12 hours

### ROOT CAUSES

- Excessive mechanical impact during handling
- Thermal shock between washing and filling
- Improper annealing of glass containers

### ACTION PLAN

- IMMEDIATE: STOP LINE for current batch and quarantine all containers from this pallet
- SHORT-TERM: Inspect conveyors and handling equipment, remove all damaged containers
- LONG-TERM: Update packaging spec and add inline crack-detection vision

Generated: 2025-12-05 18:58:34 | Inspection #0 | YOLOv8 v1.0