



# PERFORMANCE EVALUATION REPORT

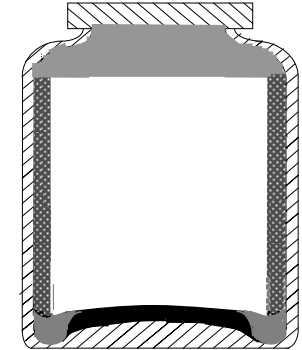
## GENERAL DATA

Customer	Intercomm
Product	Olives in jar
Size	
Line speed, X-ray voltage & current	40m/min 65kV 3.5mA

## CONTAMINANT HYPOTHESIS

Type	Glass A	Glass B	Metal A	Metal B	Stone A
Size (mm)	Ø 3.0	Ø 4.0	Ø 1.0	Ø 1.5	Ø 3.0
Distribution	Constant in all the jar				
F.R.R.	< 5/10.000				

F.R.R.=False Reject Rate



## SHAPE DATA

Description	mm
Maximum diameter	65
Maximum height	135

## AREA PERCENTAGES

Volumes	Vol %
Cap	5
Sidewall	15
Body	70
Bottom crown	3
Bottom center	7

## DYLOG EXPECTED PERFORMANCE ( P.O.D. : Probability Of Detection; P.O.D.W. : Probability Of Detection Weighed )

CONTAMINANT POSITION	Dymond S						Dymond D									
	Glass A		Glass B		Metal A		Metal B		Stone A		Glass A		Glass B		Metal A	
	P.O.D.	P.O.D.W.	P.O.D.	P.O.D.W.	P.O.D.	P.O.D.W.	P.O.D.	P.O.D.W.	P.O.D.	P.O.D.W.	P.O.D.	P.O.D.W.	P.O.D.	P.O.D.W.	P.O.D.	P.O.D.W.
ESTIMATED P.O.D.		98,4		99,1		95,8		97,8		98,4		99,1		99,7		98,0

**Note:** these values have been achieved under test conditions at DYLOG laboratories using samples supplied by the customer and DYLOG Standard Contaminants; they do not intend to be a performance guarantee valid in every condition because the probabilities of detection may change according to the glass, metal and stone chemical compositions. In the specific case of metal, the values are valid only for metals with atomic weight higher than 50. The expected performances have been achieved considering a uniform distribution of the product inside the container and a contaminant randomly placed inside the product. The results are referring to detections on 100 inspections.