

Unique Ref Number:	6600037322-03-001	Manufacturing date:	MAY-2020
Contract No.:	1490001052-40	Best before date:	MAY-2022
Po No	4500692905-40	Quantity (Ton):	5.443
Cust Product code:	750014400	Package Size(Kg):	50LB, NET WEIGHT\
Product Code:	BPUS125	Package Type:	PA + CARTON
Product Name:	ORGANIC BLACK PEPPER HTST	Container No:	CMAU4566515
Customer:	OLAM WEST COAST INC		

The following result are based on the testing of representative sample of the above product

Physical Characteristics	Target	Result	Unit	Method
Light berries	3.0	2.7	% w/w, max	ASTA 14.2
Foreign matter	0.2	0	% w/w, max	ASTA 14.0
Aroma	Same as reference sample	Passed	-	Sensory test
Chemical Characteristics	Target	Result	Unit	Method
Moisture	12.0	10.67	% v/w, max	ASTA 2.0
Volatile oil	2.0	3.4	% v/w, min	ASTA 5.0
Piperine	4.5	6.45	% w/w, min	ASTA 12.1
AIA	1.5	0.65	% w/w, max	ASTA 4.0
Total Ash	6.0	4.04	% w/w, max	ASTA 3.0
Microbiological Characteristics	Target	Result	Unit	Method
TPC	50,000	150	cfu/g, max	FDA BAM
Salmonella	Negative	Negative	/375g	FDA BAM
E.coli	Negative	Negative	/g	FDA BAM
Coliforms	50	<10	cfu/g, max	FDA BAM
Yeast & Mold	100	<10	cfu/g, max	FDA BAM
Mycotoxins (Screening test)	Target	Result	Unit	Method
Ochratoxin A	15.0	Not detected (LOD=1)	ppb, max	AOAC 2007 (2000.03)
Aflatoxin B1	5.0	Not detected (LOD=0.1)	ppb, max	ASTA 24.2
Aflatoxin Total (B1, B2, G1, G2)	10.0	Not detected (LOD=0.1/ea)	ppb, max	ASTA 24.2

THE PRODUCT IS CERTIFIED TO MEET THE SPECIFICATION

Prepared by:



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Approved by:



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Quality Assurance Manager