



Unique Ref Number:	6600037322-01-001	Manufacturing date:	MAY-2020
Contract No.:	1490001052-20	Best before date:	MAY-2022
Po No	4500692905-20	Quantity (Ton):	5.443
Cust Product code:	750024555	Package Size(Kg):	50LB, NET WEIGHT
Product Code:	WPUS041	Package Type:	PA + CARTON
Product Name:	VIETNAM WHITE PEPPER ASTA 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
Foreign matter	0.2	0	% w/w, max	ASTA 14.0
Black berries	3.0	1.8	% w/w, max	ASTA 14.0
Broken berries	2.0	1.43	% w/w, max	ASTA 14.0
Aroma	Same as reference sample	Passed	-	Sensory test
Chemical Characteristics	Target	Result	Unit	Method
Moisture	12.5	12.45	% v/w, max	ASTA 2.0
Volatile oil	2.0	3.0	% v/w, min	ASTA 5.0
Piperine	5.0	5.38	% w/w, min	ASTA 12.1
AIA	0.3	0.21	% w/w, max	ASTA 4.0
Total Ash	3.5	1.33	% w/w, max	ASTA 3.0
Microbiological Characteristics	Target	Result	Unit	Method
TPC	50,000	10	cfu/g , max	FDA BAM
Salmonella	Negative	Negative	/375g	FDA BAM
E.coli	Negative	Negative	cfu/g , max	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:	Approved by:
	
Dang Thi Hong	Nguyen Duy Uyen Quality Assurance Manager