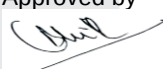


Certificate of Analysis

Shipment Lot	: 2000177204	PO No.	: NA
Batch No	: 509335	Container No.	: MSDU 6080322
Product Name	: Crushed Red Pepper ETO	Quantity	: 52,880.0 LB (1322 Bags)
Product Code	: 100000097081		
Customer	: Olam Spices & Vegetables, Inc (Chipotle)		

Parameter	Result	Specification	UOM	Reference Method
Organoleptic Characteristics				
Appearance	Crushed flakes	Crushed flakes		
Colour	Red to dark red	Red to dark red		
Flavour	Mild Pungent	Mild Pungent		
Physical Characteristics				
Extraneous plant& foreign matter	Absent	0.25 Max	% w/w	Visual
Granulation				
On USS # 6 (3350 microns)	0.97	1.0 Max	% w/w	ASTA 10.0
Through USS # 20 (850 microns)	5.50	10.0 Max	% w/w	ASTA 10.0
Seed to pod ratio	43.07	40 - 60	% per 10g	Visual
Chemical Characteristics				
Moisture	8.50	10.0 Max	% v/w	ASTA 2.0
Total Ash	7.90	8.0 Max	% w/w	ASTA 3.0
Acid Insoluble Ash	0.56	1.0 Max	% w/w	ASTA 4.0
Scoville Heat (Capsaicin)	20878	15,000 – 25,000	SHU	ASTA 21.3
Sudan-I (CAS No:842-07-09)	Absent	Absent	ppb	*ECNN 03/99
Sudan-II (CAS No:3118-97-6)	Absent	Absent	ppb	*ECNN 03/99
Sudan-III (CAS No:85-86-9)	Absent	Absent	ppb	*ECNN 03/99
Sudan-IV (CAS No: 85-83-6)	Absent	Absent	ppb	*ECNN 03/99
Microbiological Characteristics				
Total Plate Count	2000	25,000 Max	CFU/g	APHA 5 th Ed. Comp. Ch.8
Yeast	<10	100 Max	CFU/g	APHA 5 th Ed. Comp. Ch.21
Mold	<10	100 Max	CFU/g	APHA 5 th Ed. Comp. Ch.21
Coliform	<3	<10	MPN/g	BAM Online Ch.4
E. coli	<3	<3	MPN/g	BAM Online Ch.4
Salmonella	Not Detected	Not Detected	2 x 375 g	BAM Online Ch.5, AOAC 2011.03, AOAC 2013.01

* ECNN 03/99: European Commission News Notification 03/99 (Tested at Spices Board of India)

Sterilization Method		: ETO
Manufacturing Date		: July 2024
Date of Issue		: 4 th October 2024
Format Code: QA - CoA01	Prepared by 	Approved by 

Olam Food Ingredients India Private Limited

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