Discipline Biological Testing Issue Date 26.11.2014	Laboratory		Himadri Foods LtdLaboratory Division, R-518, TTC Industrial Area, MIDC, Rabale, Navi Mumbai, Maharashtra				
Certificate Number T-2350 Valid Until 25.11.2016 Last Amended on - Page 1 of 3 S.No. Product / Material of Test Performed Test Method Specification against which tests are performed I. FOOD AND AGRICULTURAL PRODUCTS 1. Herbs, Spices and Condiments a. Seed Spices: Coriander Powder, Cumin Powder, Fennegreek Powder, Calery Powder, Dill Seed Powder, Calery Powder, Unit Pepper Powder, White Pepper Powder, White Pepper Powder, Miseed Powder, Green Cardamom Powder, Black Cardamom Powder, Black Sesame seed Powder, Fennel Powder B. Root Spices: Turmeric Powder, Dry Ginger Powder, Garlic Powder Total Aerobic Plate Count (February 2013) Detection of Salmonella BAM, Chapter No. 5 (May 2014) BAM, Chapter No. 5 (May 2014) BAM, Chapter No. 5 (May 2014) Sample of Testing / Limits of Detection Pasting / Limits	Accreditation Standard		ISO/IEC 17025: 2005				
S.No. Product / Material of Test Specific Test Performed Test Method Specification against which tests are performed Test Method Specification against which tests are performed Limits of Detection	Discipline		Biological Testing Is		sue Date	26.11.2014	
S.No. Product / Material of Test Specific Test Performed Test Method Specification against which tests are performed I. FOOD AND AGRICULTURAL PRODUCTS 1. Herbs, Spices and Condiments a. Seed Spices: Coriander Powder, Cumin Powder, Fenugreek Powder, Black Pepper Powder, Mite Pepper Powder, Miseed Powder, Green Cardamom Powder, Black Cardamom Powder, Black Cardamom Powder, Black Sesame seed Powder, White Sesame Powder, Fennel Powder B. Root Spices: Total Aerobic Plate Count (April 2001) Detection of Salmonella (April 2001) BAM, Chapter No. 4 (February 2013) BAM, Chapter No. 5 (May 2014) BAM, Chapter No. 3 (January 2001) Absent/Present per 25 g Total Aerobic Plate Count (April 2001) Detection of E-coli (BAM, Chapter No. 3 (January 2001) Total Yeast and Mould (April 2001) Detection of E-coli (BAM, Chapter No. 18 (April 2001) Detection of E-coli (BAM, Chapter No. 18 (April 2001) Detection of E-coli (BAM, Chapter No. 4 (February 2013) Detection of Salmonella (April 2001) Detection of Salmonella (April 2001) Detection of Salmonella (BAM, Chapter No. 4 (February 2013) Detection of Salmonella (BAM, Chapter No. 4 (February 2013) Detection of Salmonella (BAM, Chapter No. 4 (February 2013) Detection of Salmonella (BAM, Chapter No. 5 (February 2013) Detection of Salmonella (February 2013)	Certificate Number		T-2350	Va	alid Until	25.11.2016	
I. FOOD AND AGRICULTURAL PRODUCTS 1. Herbs, Spices and Condiments a. Seed Spices: Coriander Powder, Cumin Powder, Fenugreek Powder, Celery Powder, Dill Seed Powder, Black Pepper Powder, Aniseed Powder, Green Cardamom Powder, Black Cardamom Powder, Black sesame seed Powder, White Sesame Powder, Fennel Powder Detection of Salmonella BAM, Chapter No. 18 (April 2001) BAM, Chapter No. 4 (February 2013) BAM, Chapter No. 5 (May 2014) BAM, Chapter No. 5 (May 2014) BAM, Chapter No. 3 (January 2001) Absent/Present per 25 g Total Aerobic Plate Count Total Yeast and Mould Cardamom Powder, Black Cardamom Powder, Black sesame seed Powder, White Sesame Powder, Fennel Powder Total Aerobic Plate Count BAM, Chapter No. 3 (January 2001) Glanuary 2001) BAM, Chapter No. 3 (January 2001) BAM, Chapter No. 18 (April 2001) Detection of E-coli BAM, Chapter No. 18 (April 2001) Detection of E-coli BAM, Chapter No. 18 (April 2001) Salmonella Detection of E-coli BAM, Chapter No. 4 (February 2013) Detection of Salmonella BAM, Chapter No. 4 (February 2013) Absent/Present per 25 g	Last	: Amended on	-	Pa	age	1 of 3	
1. Herbs, Spices and Condiments a. Seed Spices: Coriander Powder, Cumin Powder, Fenugreek Powder, Celery Powder, Dill Seed Powder, Black Pepper Powder, Aniseed Powder, Green Cardamom Powder, Black Sesame Powder, White Sesame Powder, White Sesame Powder, Fennel Powder Total Yeast and Mould count, BAM, Chapter No. 18 (April 2001) BAM, Chapter No. 4 (February 2013) BAM, Chapter No. 5 (May 2014) BAM, Chapter No. 5 (May 2014) BAM, Chapter No. 5 (May 2014) BAM, Chapter No. 3 (January 2001) Total Aerobic Plate Count BAM, Chapter No. 3 (January 2001) Total Yeast and Mould count BAM, Chapter No. 3 (January 2001) Total Yeast and Mould count BAM, Chapter No. 18 (January 2001) Total Yeast and Mould count BAM, Chapter No. 18 (January 2001) SampN to 1100 MPN/g (April 2001) Detection of E-coli BAM, Chapter No. 18 (April 2001) Detection of E-coli BAM, Chapter No. 4 (February 2013) Detection of Salmonella BAM, Chapter No. 4 (April 2001) SampN to 1100 MPN/g (February 2013)	S.No.		Specific Test Performed	against which tests are			
a. Seed Spices: Coriander Powder, Cumin Powder, Fenugreek Powder, Celery Powder, Black Pepper Powder, White Pepper Powder, Black Sesame Seed Powder, White Sesame Powder, White Sesame Powder, Fennel Powder B. Root Spices: Turmeric Powder, Dry Ginger Powder, Garlic Powder Detection of E-coli BAM, Chapter No. 18 (April 2001) BAM, Chapter No. 4 (February 2013) BAM, Chapter No. 5 (May 2014) BAM, Chapter No. 5 (May 2014) BAM, Chapter No. 3 (January 2001) BAM, Chapter No. 5 (May 2014) BAM, Chapter No. 3 (January 2001) BAM, Chapter No. 18 (April 2001) BAM, Chapter No. 18 (April 2001) BAM, Chapter No. 18 (April 2001) Detection of E-coli BAM, Chapter No. 18 (April 2001) BAM, Chapter No. 18 (April 2001) Detection of E-coli BAM, Chapter No. 18 (April 2001) BAM, Chapter No. 4 (April 2001) BAM, Chapter No. 4 (April 2001) Detection of Salmonella BAM, Chapter No. 4 (April 2001) BAM, Chapter No. 5 BAM, Chapte	I.	FOOD AND AGRICULTU	RAL PRODUCTS				
Coriander Powder, Cumin Powder, Fenugreek Powder, Celery Powder, Dill Seed Powder, Black Pepper Powder, Aniseed Powder, Green Cardamom Powder, Black Cardamom Powder, Black sesame seed Powder, White Sesame Powder, White Sesame Powder, Fennel Powder Total Yeast and Mould count, (April 2001) BAM, Chapter No. 4 (February 2013) BAM, Chapter No. 5 (May 2014) BAM, Chapter No. 5 (May 2014) BAM, Chapter No. 3 (January 2001) Absent/Present per 25 g Turmeric Powder, Dry Ginger Powder, Garlic Powder Total Yeast and Mould BAM, Chapter No. 3 (January 2001) BAM, Chapter No. 3 (January 2001) BAM, Chapter No. 18 (April 2001) BAM, Chapter No. 18 (April 2001) Detection of E-coli BAM, Chapter No. 18 (April 2001) Detection of Salmonella BAM, Chapter No. 18 (April 2001) Detection of Salmonella BAM, Chapter No. 4 (February 2013) Detection of Salmonella BAM, Chapter No. 5 Absent/Present per 25 g	1.	Herbs, Spices and Condin	nents				
Fenugreek Powder, Celery Powder, Dill Seed Powder, Black Pepper Powder, White Pepper Powder, Aniseed Powder, Green Cardamom Powder, Black Cardamom Powder, Black sesame seed Powder, White Sesame Powder, Fennel Powder Powder, Cardamom Powder Black sesame seed Powder, White Sesame Powder, Fennel Powder Turmeric Powder, Dry Ginger Powder, Garlic Powder Detection of E-coli BAM, Chapter No. 5 (May 2014) BAM, Chapter No. 3 (January 2001) BAM, Chapter No. 3 (January 2001) BAM, Chapter No. 3 (January 2001) Detection of E-coli BAM, Chapter No. 18 ≥ 10 cfu/g ≤ 3 MPN to 1100 MPN/g BAM, Chapter No. 3 (January 2001) Service States of the second states o	a.	Coriander Powder,	Total Aerobic Plate Count		≥ 10 cf	u/g	
Powder, White Pepper Powder, Aniseed Powder, Green Cardamom Powder, Black Cardamom Powder, Black Cardamom Powder, White Sesame Powder, White Sesame Powder, Fennel Powder Detection of Salmonella BAM, Chapter No. 5 (May 2014) Absent/Present per 25 g b. Root Spices: Turmeric Powder, Ory Ginger Powder, Garlic Powder Total Aerobic Plate Count (April 2001) BAM, Chapter No. 3 (January 2001) ≥ 10 cfu/g Powder Total Yeast and Mould count (April 2001) BAM, Chapter No. 18 (April 2001) ≥ 10 cfu/g Detection of E-coli BAM, Chapter No. 4 (February 2013) ≤ 3 MPN to 1100 MPN/g Absent/Present per 25 g		Fenugreek Powder, Celery Powder, Dill Seed Powder, Black Pepper Powder, White Pepper Powder, Aniseed Powder, Green Cardamom Powder, Black Cardamom Powder, Black sesame seed Powder, White Sesame			≥ 10 cf	u/g	
Powder, Black Cardamom Powder, Black sesame seed Powder, White Sesame Powder, Fennel Powder Detection of Salmonella BAM, Chapter No. 5 (May 2014) Absent/Present per 25 g b. Root Spices: Turmeric Powder, Dry Ginger Powder, Garlic Powder Total Aerobic Plate Count (January 2001) BAM, Chapter No. 3 (January 2001) ≥ 10 cfu/g Powder Total Yeast and Mould count BAM, Chapter No. 18 (April 2001) ≥ 10 cfu/g Detection of E-coli BAM, Chapter No. 4 (February 2013) ≤ 3 MPN to 1100 MPN/g Detection of Salmonella BAM, Chapter No. 5 Absent/Present per 25 g					≤ 3 MP	\leq 3 MPN to 1100 MPN/g	
Turmeric Powder, Dry Ginger Powder, Garlic Powder (January 2001) Powder Total Yeast and Mould count BAM, Chapter No. 18 (April 2001) ≥ 10 cfu/g Detection of E-coli BAM, Chapter No. 4 (February 2013) ≤ 3 MPN to 1100 MPN/g Detection of Salmonella BAM, Chapter No. 5 Absent/Present per 25 g			Detection of Salmonella		Absent	Present per 25 g	
Powder Total Yeast and Mould count BAM, Chapter No. 18 (April 2001) ≥ 10 cfu/g Detection of E-coli BAM, Chapter No. 4 (February 2013) ≤ 3 MPN to 1100 MPN/g (February 2013) Detection of Salmonella BAM, Chapter No. 5 Absent/Present per 25 g	b.	Turmeric Powder, Dry Ginger Powder, Garlic	Total Aerobic Plate Count		≥ 10 cf	u/g	
(February 2013) Detection of Salmonella BAM, Chapter No. 5 Absent/Present per 25 g				-	≥ 10 cf	u/g	
, 1			Detection of E-coli		≤ 3 MP	N to 1100 MPN/g	
(May 2014)			Detection of Salmonella	BAM, Chapter No. 5 (May 2014)	Absent	Present per 25 g	

Vikas Kumar Jaiswal Convenor N. Venkateswaran Program Manager

Himadri Foods Ltd.-Laboratory Division, R-518, TTC Industrial Area, MIDC, Rabale, Navi Mumbai, Maharashtra Laboratory

Accreditation Standard ISO/IEC 17025: 2005

Discipline **Biological Testing** Issue Date 26.11.2014

Certificate Number Valid Until 25.11.2016 T-2350

Page Last Amended on 2 of 3

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
c.	Fruit Spices: Nutmeg Powder, Chili Powder, Dry Mango Powder	Total Aerobic Plate Count	BAM, Chapter No. 3 (January 2001)	$\geq 10 \text{ cfu/g}$
		Total Yeast and Mould count,	BAM, Chapter No.18 (April 2001)	$\geq 10 \text{ cfu/g}$
		Enumeration of E-coli	BAM, Chapter No. 4 (February 2013)	\leq 3 MPN to 1100 MPN/g
		Detection of Salmonella	BAM, Chapter No. 5 (May 2014)	Absent/Present per 25 g
d.	Stem/Bark Spices: Taj Powder (Cassia)	Total Aerobic Plate Count	BAM, Chapter No. 3 (January 2001)	$\geq 10 \text{ cfu/g}$
		Total Yeast and Mould count	BAM, Chapter No.18 (April 2001)	$\geq 10 \text{ cfu/g}$
		Detection of E-coli	BAM, Chapter No. 4 (February 2013)	\leq 3 MPN to 1100 MPN/g
		Detection of Salmonella	BAM Chapter No. 5 (May 2014)	Absent/Present per 25 g
e.	Leaf Spices: Bay Leaves, Mint Leaves Powder, Kasuri Methi	Total Aerobic Plate Count	BAM, Chapter No. 3 (January 2001)	$\geq 10 \text{ cfu/g}$
		Total Yeast & Mould count	BAM, Chapter No. 18 (April 2001)	$\geq 10 \text{ cfu/g}$

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Accreditation Standard ISO/IEC 17025: 2005

Discipline **Biological Testing** Issue Date 26.11.2014

Certificate Number Valid Until T-2350 25.11.2016

Page Last Amended on 3 of 3

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Leaf Spices: Bay Leaves ,Mint Leaves Powder, Kasuri Methi	Enumeration of E-coli	BAM, Chapter No. 4 (February 2013)	\leq 3 MPN to 1100 MPN/g
	Toward, Rusuit Meem	Detection of Salmonella	BAM, Chapter No. 5 (May 2014)	Absent/Present per 25 g
f.	Blended Spices: Garam Masala, Curry Powder, Tea Masala,	Total Aerobic Plate Count	BAM, Chapter No. 3 (January 2001)	$\geq 10 \text{ cfu/g}$
	Subji Masala, Pav Bhaji Masala, Pani Puri Masala, Sambhar Masala, Rasam	Total Yeast and Mould count	BAM, Chapter No. 18 (April 2001)	$\geq 10 \text{ cfu/g}$
	Masala , Chole Masala, Punjabi Garam Masala, Shahi Biryani Masala,	Enumeration of E-coli	BAM, Chapter No. 4 (February 2013)	\leq 3 MPN to 1100 MPN/g
	Kitchen Magic Masala, Chicken Masala, Malvani Masala, Jal jeera Powder, Dhansak Masala,	Detection of Salmonella	BAM, Chapter No.5 (May 2014)	Absent/Present per 25 g
	Chatpata Chat Masala, Tava Fry Masala, Khichadi Masala, Dal Masala, Kadhi Masala,			
	Tacos Masala, Dabeli Masala, Rajma Masala, Dahiwada Masala, Egg Masala, Usal Masala			

Vikas Kumar Jaiswal Convenor

N. Venkateswaran **Program Manager**