

Laboratory	Indian Products Limited, Quality Assurance Laboratory, Ellore Road, Vadapudur, Kinathukadavu, Coimbatore, Tamil Nadu		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	03.02.2015
Certificate Number	T-2417	Valid Until	02.02.2017
Last Amended on	-	Page	1 of 6

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. FOOD & AGRICULTURAL PRODUCTS				
1.	Chillies (Whole and Ground)	Moisture	ASTA Method 2.0 Revision January 1997	4 % to 15 %
		Total ash	ASTA Method 3.0 Revision January 1997	3 % to 10 %
		Acid Insoluble ash	ASTA Method 4.0 Revision January 1997	0.1 % to 2 %
		Water activity	WI No. IPLQAL/WI/514 Issue no 1 Date 01/07/11	0.3 aw to 0.9 aw
		Aflatoxin B1	WI No. IPLQAL/WI/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Aflatoxin B2	WI No. IPLQAL/WI/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Aflatoxin G1	WI No. IPLQAL/WI/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Aflatoxin G2	WI No. IPLQAL/WI/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Ochratoxin A	WI No. IPLQAL/WI/427 Issue no 1 Date 01/07/11	10 µg/kg to 50 µg/kg
		Capsaicin	ASTA Method 21.3 Revision October 2004	100 SHU to 800000 SHU
		Colour Value	ASTA Method 20.1 Revision October 2004	30 acu to 100 acu

Laboratory	Indian Products Limited, Quality Assurance Laboratory, Ellore Road, Vadapudur, Kinathukadavu, Coimbatore, Tamil Nadu		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	03.02.2015
Certificate Number	T-2417	Valid Until	02.02.2017
Last Amended on	-	Page	2 of 6

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
2.	Chillies (Ground)	Sieve analysis	ASTA Method 10.0 Revision October 2004	0.5 % to 100 %
3.	Turmeric (Whole and Ground)	Moisture	ASTA Method 2.0 Revision January 1997	4 % to 15 %
		Total ash	ASTA Method 3.0 Revision January 1997	3 % to 10 %
		Acid Insoluble ash	ASTA Method 4.0 Revision January 1997	0.1 % to 2 %
		Water activity	WI No. IPLQAL/514 Issue no 1 Date 01/07/11	0.3 aw to 0.9 aw
		Aflatoxin B1	WI No. IPLQAL/514 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Aflatoxin B2	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Aflatoxin G1	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Aflatoxin G2	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Ochratoxin A	WI No. IPLQAL/427 Issue no 1 Date 01/07/11	10 µg/kg to 50 µg/kg
		Curcumin	ASTA Method 18.0 Revision October 2004	1 % to 10 %
		Volatile Oil	ASTA Method 5.2 Revision March 2010	2 % to 8 %

Laboratory	Indian Products Limited, Quality Assurance Laboratory, Ellore Road, Vadapudur, Kinathukadavu, Coimbatore, Tamil Nadu		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	03.02.2015
Certificate Number	T-2417	Valid Until	02.02.2017
Last Amended on	-	Page	3 of 6

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
4.	Turmeric (Ground)	Sieve analysis	ASTA Method 10.0 Revision October 2004	0.5 % to 100 %
5.	Pepper (Whole and Ground)	Moisture	ASTA Method 2.0 Revision January 1997	4 % to 15 %
		Total ash	ASTA Method 3.0 Revision January 1997	3 % to 10 %
		Acid Insoluble ash	ASTA Method 4.0 Revision January 1997	0.1 % to 2.0 %
		Water activity	WI No. IPLQAL/514 Issue no 1 Date 01/07/11	0.3 aw to 0.9 aw
		Aflatoxin B1	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Aflatoxin B2	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Aflatoxin G1	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Aflatoxin G2	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Ochratoxin A	WI No. IPLQAL/427 Issue no 1 Date 01/07/11	10 µg/kg to 50 µg/kg
		Piperine	ASTA Method 12.1 Revision January 1997	1 % to 10 %
		Volatile Oil	ASTA Method 5.2 Revision March 2010	2 % to 8 %

Laboratory	Indian Products Limited, Quality Assurance Laboratory, Ellore Road, Vadapudur, Kinathukadavu, Coimbatore, Tamil Nadu		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	03.02.2015
Certificate Number	T-2417	Valid Until	02.02.2017
Last Amended on	-	Page	4 of 6

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Pepper (Whole and Ground)	Mineral Oil	IPLQAL/WI/440 Issue no 1 Date 03/10/14	Qualitative (Present/Absent)
6.	Pepper (Ground)	Sieve analysis	ASTA Method 10.0 Revision October 2004	0.5 % to 100 %
7.	Ginger (Whole and Ground)	Moisture	ASTA Method 2.0 Revision January 1997	4 % to 15 %
		Total ash	ASTA Method 3.0 Revision January 1997	3 % to 10 %
		Acid Insoluble ash	ASTA Method 4.0 Revision January 1997	0.1 % to 2 %
		Water activity	WI No. IPLQAL/514 Issue no 1 Date 01/07/11	0.3 aw to 0.9 aw
		Aflatoxin B1	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Aflatoxin B2	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Aflatoxin G1	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Aflatoxin G2	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Ochratoxin A	WI No. IPLQAL/427 Issue no 1 Date 01/07/11	10 µg/kg to 50 µg/kg
		Volatile oil	ASTA Method 5.2 Revision March 2010	1 % to 5 %

Laboratory	Indian Products Limited, Quality Assurance Laboratory, Ellore Road, Vadapudur, Kinathukadavu, Coimbatore, Tamil Nadu		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	03.02.2015
Certificate Number	T-2417	Valid Until	02.02.2017
Last Amended on	-	Page	5 of 6

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
8.	Ginger (Ground)	Sieve analysis	ASTA Method 10.0 Revision October 2004	0.5 % to 100 %
9.	Nutmeg (Whole and Ground)	Moisture	ASTA Method 2.0 Revision January 1997	4 % to 15 %
		Total ash	ASTA Method 3.0 Revision January 1997	3 % to 10 %
		Acid Insoluble ash	ASTA Method 4.0 Revision January 1997	0.1 % to 2.0 %
		Water activity	WI No. IPLQAL/514 Issue no 1 Date 01/07/11	0.3 aw to 0.9 aw
		Aflatoxin B1	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		AflatoxinB2	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Aflatoxin G1	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		AflatoxinG2	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Ochratoxin A	WI No. IPLQAL/427 Issue no 1 Date 01/07/11	10 µg/kg to 50 µg/kg
		Volatile Oil	ASTA Method 5.2 Revision March 2010	1 % to 8 %
10.	Nutmeg (Ground)	Sieve analysis	ASTA Method 10.0 Revision October 2004	0.5 % to 100 %

Laboratory	Indian Products Limited, Quality Assurance Laboratory, Ellore Road, Vadapudur, Kinathukadavu, Coimbatore, Tamil Nadu		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	03.02.2015
Certificate Number	T-2417	Valid Until	02.02.2017
Last Amended on	-	Page	6 of 6

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
11.	Cumin (Whole and Ground)	Moisture	ASTA Method 2.0 Revision January 1997	4 % to 15 %
		Total ash	ASTA Method 3.0 Revision January 1997	3 % to 10 %
		Acid Insoluble ash	ASTA Method 4.0 Revision January 1997	0.1 % to 2 %
		Water activity	WI No. IPLQAL/514 Issue no 1 Date 01/07/11	0.3 aw to 0.9 aw
		Aflatoxin B1	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Aflatoxin, B2	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Aflatoxin, G1	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Aflatoxin G2	WI No. IPLQAL/405 Issue no 1 Date 01/07/11	5 µg/kg to 50 µg/kg
		Ochratoxin A	WI No. IPLQAL/427 Issue no 1 Date 01/07/11	10 µg/kg to 50 µg/kg
		Volatile Oil	ASTA Method 5.2 Revision March 2010	1 % to 3 %
12.	Cumin (Ground)	Sieve analysis	ASTA Method 10.0 Revision October 2004	0.5 % to 100 %
13.	Salt	Iodine	IPLQAL/WI/443 Issue no 1 Date 19/08/14	5 mg/kg to 70 mg/kg

-X-X-X-X-X-X-X-X-X-X-X-X-