

Laboratory	Quality Evaluation Laboratory, Prasan Solutions (India) Pvt. Ltd., VII/ 784-B7, Seethy's Tower, Seaport - Airport Road, Vallathole Jn., Thrikkakara, Kochi, Kerala		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	30.06.2014
Certificate Number	T-3022	Valid Until	29.06.2016
Last Amended on	-	Page	1 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
I. FOODS & AGRICULTURAL PRODUCTS				
1.	Spices & Condiments (Whole & Ground, Oleoresins)	Moisture	IS 1797: 1985 (RA 2009) Method 9	(0.25 g to 20 g)/100g
		Volatile Oil	IS 1797: 1985 (RA 2009) Method 15	(0.25 ml to 30 ml)/100g
		Piperine	ASTA 4 th Edition 1997, Method 12.1 (Revised 2004)	(0.25 g to 50 g)/100g
		ASTA Color	ASTA 4 th Edition 1997, Method 20.1 (Revised 2004)	12 ASTA to 4000 ASTA
		Capsaicin	ASTA 4 th Edition 1997, Method 21.3 (Revised 2004)	750 SHU to 1200000 SHU
		Non-Volatile Ether Extract	IS 1797: 1985 (RA 2009) Method 14	(5.0 g to 50 g)/100g
		Extraneous Matter	IS 1797: 1985 (RA 2009) Method 4	(0.01 g to 10 g)/100g
		Light Berries	ASTA 4 th Edition 1997, Method 14 (Revised 2004)	(0.10 g to 20 g)/100g
2.	Oil, Fats and related Products (Sunflower Oil, Palm oil, Coconut oil, Gingelly oil, Rice bran oil, Ground nut oil)	Free Fatty Acid	IS 548 (Part 1): 1964 (RA 2010) Method 7	(0.02 g to 20 g)/100g
		Acid Value	IS 548 (Part 1): 1964 (RA 2010) Method 7	0.06 to 20

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	Oil, Fats and related Products (Sunflower Oil, Palm oil, Coconut oil, Gingelly oil, Rice bran oil, Ground nut oil)	Peroxide Value	IS 548 (Part 1): 1964 (RA 2010) Method 20	0.20 Meq O ₂ /kg to 100 Meq O ₂ /kg
		Iodine Value	IS 548 (Part 1): 1964 (RA 2010) Method 14	5.0 to 180
		Saponification Value	IS 548 (Part 1): 1964 (RA 2010) Method 15	150 to 300
		Refractive Index	IS 548 (Part 1): 1964 (RA 2010) Method 10	1.4000 to 1.5000
		Anisidine Value	ES ISO 6885: 2012	0.60 to 20
		Total Polar Compound	ES ISO 8420: 2012	(1 g to 70 g)/100g
		Specific Gravity	IS 548 (Part 1): 1964 (RA 2010) Method 11	0.85 to 0.95
		Oxidative Stability study	PSPL/QEL/MOA/17 Issue No: 1, Issue Date: 03.06.13	Qualitative (Oxidative stability Index in Hrs.)
		Saturated Fat	PSPL/QEL/MOA/23 Issue No: 1, Issue Date: 03.06.13	(3.0 g to 95 g)/100g
		Monounsaturated Fat	PSPL/QEL/MOA/23 Issue No: 1, Issue Date: 03.06.13	(3.0 g to 90 g)/100g

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Last Amended on **-** **Page** **3 of 3**

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	Oil, Fats and related Products (Sunflower Oil, Palm oil, Coconut oil, Gingelly oil, Rice bran oil, Ground nut oil)	Polyunsaturated Fat	PSPL/QEL/MOA/23 Issue No: 1, Issue Date: 03.06.13	1.0 g/100g to 90 g/100g
		Trans Fat	PSPL/QEL/MOA/23 Issue No: 1, Issue Date: 03.06.13	0.10 g/100g to 30 g/100g

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