

Laboratory	Insight Tobaccocraft Institute (R & D Department of Godfrey Phillips India Limited), Plot No. 19, MIDC, TTC Industrial Area, Rabale, Navi Mumbai, Maharashtra		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	11.03.2016
Certificate Number	T-0801	Valid Until	10.03.2018
Last Amended on	01.04.2016	Page	1 of 2

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.	Tobacco and Tobacco Products			
a.	Cigarette	Determination of total (TPM) and nicotine-free dry particulate matter (Tar)	ISO 4387: 2000 GPI/SOP/03 Issue No.: 7 Issue Date: 29.08.2013	TPM: (8 mg to 30 mg)/Cigarette Tar: (6 mg to 27 mg)/Cigarette
		Determination of nicotine in smoke condensates	ISO 10315: 2013 (E) GPI/SOP/04 Issue No.: 7 Issue Date: 17.12.2013	(0.8 mg to 2.3 mg)/ Cigarette
		Determination of water in smoke condensates	ISO 10362: 1999 GPI/SOP/05 Issue No.: 7 Issue Date: 29.08.2013	(0.1 mg to 5.0 mg)/ Cigarette
		Determination carbon monoxide in vapour phase of cigarette smoke	ISO 8454: 1995 GPI/SOP/12 Issue No.: 7 Issue Date: 29.08.2013	(5 mg to 25 mg)/Cigarette
		Determination of Menthol in Cigarette Smoke condensate, Bobbins, Tobacco and Menthol Rods	ISO 13110: 2012 GPI/SOP/15 Issue No.: 7 Issue Date: 21.08.2013	Bobbins – 100 mg/m to 1000 mg/m Tobacco–0.1 mg to 10 mg Smoke condensate – (0.01 mg to 10 mg)/ Cigarette
		Determination of Humectants in whole Tobacco.	Health Canada, T-304 GPI/SOP/24 Issue No.: 7 Issue Date: 21.08.2013	Propylene Glycol – 0.1 % to 5 % Glycerine – 0.1 % to 5 %

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b.	Tobacco	Total Alkaloids content Total Reducing Sugars Chloride content	Total Alkaloids: ISO 15152: 2003 Total Reducing Sugars: ISO 15154: 2003 Chloride – Bran and Lube G-267-01 GPI/SOP/23 Issue No.: 7 Issue Date: 29.08.2013	Alkaloids: 1.0 % to 3.0 % Total reducing Sugars: 4.0 % to 15.0 % Chloride 0.5 % to 2 %
		Estimation of Ammonia in Tobacco and Tobacco extract	Coresta-35 and Skalar-155-922 GPI/SOP/23 Issue No.: 7 Issue Date: 29.08.2013	0.02 % to 1 % / 2 ppm to 100 ppm
		Determination of Nitrate in Tobacco and Tobacco extract	Coresta-36 and Skalar-155-912 GPI/SOP/23 Issue No.: 7 Issue Date: 29.08.2013	0.02 % to 1 % / 2 ppm to 100 ppm

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