

<b>Laboratory</b>	<b>Pune Municipal Corporation's Quality Assurance Laboratory, Salunke Vihar Road, Kemella Area, Kondwa, Pune, Maharashtra</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Biological Testing</b>	<b>Issue Date</b>	<b>07.08.2015</b>
<b>Certificate Number</b>	<b>T-3545</b>	<b>Valid Until</b>	<b>06.08.2017</b>
<b>Last Amended on</b>	<b>-</b>	<b>Page</b>	<b>1 of 3</b>

<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
<b>I. WATER</b>				
1.	<b>Potable &amp; Domestic water</b>	Coliform (MPN count by MTD technique)  Faecal coliforms  E.coli	IS 1622: 1981 (RA 2014)	≥ 2 MPN/100 ml or ≥ 1 MPN/100 ml  Qualitative (Present /absent)/ 100 ml  Qualitative (Present /absent)/ 100 ml
2.	<b>Water for Food Processing Industries</b>	Aerobic Microbial count at 37 °C in 24 hrs Coliform (MPN count by MTD technique)	IS 1622: 1981 (RA 2014)	≥1 cfu / ml  Qualitative (Present /absent)/ 100 ml
3.	<b>Water for Swimming pools &amp; Spas</b>	Standard Plate Count at 37 °C  Coliform (MPN count by MTD technique)	IS 1622: 1981 (RA 2014)	≥1 cfu / ml  < 2/100 ml
<b>II FOOD &amp; AGRICULTURAL PRODUCTS</b>				
<b>1. Milk &amp; Milk products</b>				
a.	<b>Raw milk, Pasteurized milk, Flavoured milk, Sterilized milk, Whole milk powder, Skimmed milk powder and Ice-cream</b>	Total plate count  Coliform (Colony count technique)  E.coli  Staphylococcus aureus ( Coagulase positive )  Salmonella spp.	IS 5402: 2012  IS 5401(Part 1): 2012  IS 5887 (Part 1): 1976 (RA 2005)  IS 5887 (Part 2): 1976 (RA 2009)  IS 5887 (Part 3): 1999 (RA 2009)	≥10 cfu/gm  ≥10 cfu/gm  Qualitative (Present / Absent)/ 25 gm  Qualitative (Present / Absent)/ gm  Qualitative (Present / Absent)/ 25gm

<b>Laboratory</b>	<b>Pune Municipal Corporation's Quality Assurance Laboratory, Salunke Vihar Road, Kemella Area, Kondwa, Pune, Maharashtra</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Biological Testing</b>	<b>Issue Date</b>	<b>07.08.2015</b>
<b>Certificate Number</b>	<b>T-3545</b>	<b>Valid Until</b>	<b>06.08.2017</b>
<b>Last Amended on</b>	<b>-</b>	<b>Page</b>	<b>2 of 3</b>

<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Raw milk, Pasteurized milk, Flavoured milk, Sterlized milk, Whole milk powder, Skimmed milk powder and Ice-cream</b>	Yeast and mould count	IS 5403: 1999 (RA 2009)	≥10 cfu/gm
<b>2.</b>	<b>Fruits and Vegetable products</b>	Total plate count	IS 5402: 2012	≥ 1 cfu / gm/ml or ≥10 cfu/gm/ml
		Coliform (Colony count technique)	IS 5401 (Part 1): 2012	≥ 1 cfu / gm/ml or ≥10 cfu/gm/ml
		E.coli	IS 5887 (Part 1): 1976 (RA 2005)	Qualitative (Present /Absent)/gm/ml
		Salmonella spp.	IS 5887 (Part 3): 1999 (RA 2009)	Qualitative (Present / Absent)/ 25 gm/25 ml
		Yeast and mould count	IS 5403: 1999 (RA 2009)	≥ 1 cfu/gm/ml or ≥ 10cfu/gm/ml
<b>3.</b>	<b>Meat and Meat Products Including Raw Fresh Meat, Chilled &amp; Frozen products Canned-Corned Beef, Chopped Meat, Luncheon meat, Cooked, semi cooked meat products Sausages &amp; Salami</b>	Total plate count	IS 5402: 2012	≥ 10 cfu / gm
		Coliform (Colony count technique)	IS 5401 (Part 1): 2012	≥ 10 cfu / gm
		E.coli	IS 5887 (Part 1): 1976 (RA 2005)	Qualitative (Present / Absent)/ 25 gm
		Staphylococcus aureus	IS 5887 (Part 2): 1976 (RA 2009)	Qualitative (Present / Absent)/ 25 gm
		Salmonella spp.	IS 5887 (Part 3): 1999 (RA 2009)	Qualitative (Present / Absent)/ 25 gm

**Laboratory** Pune Municipal Corporation's Quality Assurance Laboratory, Salunke Vihar Road, Kemella Area, Kondwa, Pune, Maharashtra

**Accreditation Standard** ISO/IEC 17025: 2005

**Discipline** Biological Testing **Issue Date** 07.08.2015

**Certificate Number** T-3545 **Valid Until** 06.08.2017

**Last Amended on** - **Page** 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
	<b>Meat and Meat Products Including Raw Fresh Meat, Chilled &amp; Frozen products Canned-Corned Beef, Chopped Meat, Luncheon meat, Cooked, semi cooked meat products Sausages &amp; Salami</b>	Yeast & Mold count	IS 5403: 1999 (RA 2009)	≥10 cfu/gm
4.	<b>Non-alcoholic &amp; Carbonated including Fruit beverages.</b>	Aerobic Microbial count at 37 °C in 24 hrs	IS 5402: 2012	≥1 cfu/ml
		Coliform (by MTD technique)	IS 1622: 1981 (RA 2014) IS 5401 (Part 2): 2012	Qualitative (Present/Absent)/ 100 ml
		Yeast and mould count	IS 5403: 1999 (RA 2009)	≥ 1 MPN/100 ml ≥ 1 cfu/ml

~~-X-X-X-X-X-X-X-X-X-X-X-X-~~