

**Laboratory** Nitta Gelatin India Limited, Gelatin Division, Quality Control Laboratory, Kusumagiri, P.O., Kakkanad, Kochi

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

**Discipline** Biological Testing **Issue Date** 24.11.2013

**Certificate Number** T-1935 **Valid Until** 23.11.2015

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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**I. FOOD & AGRICULTURAL PRODUCTS**

1.	Gelatin	Total plate count/ Total Aerobic Microbial Count	European Pharmacopeia, Edition 7, Volume:1.0 (2011) 2.6.12 Page: 163-167  Indian Pharmacopeia 6 <sup>th</sup> Edition (2010 ) Volume:1.0, 2.2.9 , Page: 37-42  United States pharmacopeia 36 NF 31,2013, Volume 1.0, <61> Page: Page:56-60	≥ 10 cfu/g
		<i>Salmonella</i>	European Pharmacopeia : Edition: 7,Volume:1 (2011), 2.6.13 Page: 167-171  Indian Pharmacopeia 6 <sup>th</sup> Edition (2010 )Volume I, 2.2.9 Page: 42-48  United States pharmacopeia 36 NF 31,2013, Volume 1.0, <62> Page: Page:60-65  ISO 6579 (2002)4 <sup>th</sup> Edition Amendment 1:2007	Presence/absence in 10/25 g

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		<i>E .coli</i>	European Pharmacopeia : Edition: 7, Volume:1 (2011), 2.6.13, Page: 167-171  Indian Pharmacopeia 6 <sup>th</sup> Edition (2010 )Volume I, 2.2.9 Page: 42-48  United States pharmacopeia 36 NF 31,2013, Volume 1.0, <62> Page: Page: 60-65	Presence/absence in 10/25 g
		<i>Staphylococcus aureus</i>	European Pharmacopeia : Edition: 7, Volume:1 (2011), 2.6.13, Page: 167-171 Indian Pharmacopeia 6 <sup>th</sup> Edition (2010 )Volume I, 2.2.9 Page: 42-48 United States pharmacopeia 36 NF 31,2013, Volume 1.0, <62> Page: Page: 60-65	Presence/absence in 10/25 g
		<i>Pseudomonas aeruginosa</i>	European Pharmacopeia : Edition: 7, Volume:1 (2011), 2.6.13, Page: 167-171 Indian Pharmacopeia 6 <sup>th</sup> Edition (2010 )Volume I, 2.2.9 Page: 42-48 United States pharmacopeia 36 NF 31,2013, Volume 1.0, <62> Page: Page: 60-65	Presence/absence in 10/ 25 g

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<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>
		Yeast and mold/ Total combined Yeasts and molds count	European Pharmacopeia, Edition 7, Volume:1.0 (2011) 2.6.12 Page: 163-167  Indian Pharmacopeia 6 <sup>th</sup> Edition (2010 ) Volume:1.0, 2.2.9 , Page: 37-42  United States pharmacopeia 36 NF 31,2013, Volume 1.0, <61> Page: Page:56-60	≥ 10 cfu/g
		<i>Enterobacteriaceae /bile tolerant gram negative bacteria</i>	European Pharmacopeia : Edition: 7, Volume:1 (2011), 2.6.13, Page: 167-171  Indian Pharmacopeia 6 <sup>th</sup> Edition (2010 )Volume I, 2.2.9 Page: 42-48  United States pharmacopeia 36 NF 31,2013, Volume 1.0, <62> Page: Page: 60-65	Presence/absence in 10/25 g
		Candida albicans	European Pharmacopeia : Edition: 7, Volume:1 (2011), 2.6.13, Page: 167-171 Indian Pharmacopeia 6 <sup>th</sup> Edition (2010 )Volume I, 2.2.9 Page: 42-48 United States pharmacopeia 36 NF 31,2013, Volume 1.0, <62> Page: Page: 60-65	Presence/absence in 10/25 g

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2.	Collagen Peptide	Total plate count / Aerobic plate count	USFDA-BAM January 2001 chapter 3	$\geq 10$ cfu/g
		<i>Salmonella</i>	USFDA-BAM November 2011 chapter 5	Presence/absence in 25 g
		Coliforms	USFDA-BAM September 2002 chapter 4	$\geq 3$ to $\leq 1100$ MPN / g
		<i>Escherichia coli</i>	USFDA-BAM September 2002 chapter 4	$\geq 3$ to $\leq 1100$ MPN / g
		<i>Staphylococcus aureus</i>	USFDA-BAM January 2001 chapter 12	$\geq 10$ cfu/g
<b>II. WATER</b>				
1.	Water Process Water & Drinking Water (Potable Water)	Total plate count	IS: 1622-1981 Edition 2.4	$\geq 1$ cfu/ml
		Coliforms	IS: 1622-1981 Edition 2.4	$\geq 2$ to $\leq 1600$ MPN/100 ml
		<i>Escherichia coli</i>	IS: 1622-1981 Edition 2.4	$\geq 2$ to $\leq 1600$ MPN/100 ml

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