

### **3.2.P.8.3 DATOS DEL ESTUDIO DE ESTABILIDAD**

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**LOSARTÁN POTÁSICO  
COMPRIMIDOS RECUBIERTOS 50 mg**

**A Subdepartamento Registros y Autorizaciones Sanitarias**



**ACCELERATED STABILITY STUDY REPORT**

<b>Name of product</b>	Losartan Potassium Tablet 50 mg	<b>Batch No</b>	EMD8018
<b>Description of the pack</b>	10's Alu – PVC Blister pack	<b>Mfg. Date</b>	Aug – 2018
<b>Parameters and test method monitored</b>	Description, Identification, Avg. Wt, D.T., Dissolution, Organic Impurities, Assay, MLT.	<b>Expiry Date</b>	Jul – 2021
<b>Date of Initiation</b>	Aug – 2018	<b>Storage conditions</b>	40°C ± 2°C and 75% ± 5% RH
		<b>Date of completion</b>	Feb – 2019

<b>TEST</b>	<b>LIMITS</b>	<b>RESULTS OF ANALYSIS</b>		
		<b>INITIAL</b>	<b>3 Month</b>	<b>6 Month</b>
Description	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.
Identification	The retention time of the major peak of the sample solution corresponds to that of the standard solutions obtained in assay.	Complies	Complies	Complies
Avg. Wt	95.27 mg – 110.72 mg	104.5 mg	103.8 mg	105.8 mg
D.T	NMT 30 Mins.	6 mins 45 sec	7 mins	8 min
Dissolution	N.L.T. 75.0% (Q)	1]91% 2]93% 3]93% 4]95% 5]95% 6]96%	1]91% 2]90% 3]92% 4]92% 5]94% 6]94%	1]91% 2]91% 3]93% 4]94% 5]91% 6]90%

**Organic Impurities**

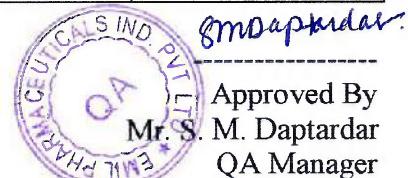
1-H-Dimer:	N.M.T. 0.5%	0.009%	0.010%	0.012%
2-H-Dimer:	N.M.T. 0.5%	None detected	None detected	0.002%
Total Impurity	N.M.T. 1.0%	0.009%	0.010%	0.014%
Uniformity of Content	NMT 15.0 when determined on 10 individual limits	2.4	-	3.1
Assay	95.0% to 105.0%	101.3%	100.45%	99.80%

**Microbial Limit Test**

<b>Total aerobic microbial count</b>				
Bacterial Counts	NMT 1000 cfu/gm	50 cfu/gm	-	40 cfu/gm
Fungi	NMT 100 cfu/gm	Nil	-	Nil

**Test for specified microorganisms:**

<i>E. coli</i>	Absent in 1 gm	Absent	-	Absent
<i>Salmonellae</i>	Absent in 10 gm	Absent	-	Absent
<i>Pseudomonas</i>	Absent in 1 gm	Absent	-	Absent
<i>Stap. aureus</i>	Absent in 1 gm	Absent	-	Absent



Approved By  
Mr. S. M. Daptardar  
QA Manager



### REAL TIME STABILITY STUDY REPORT

<b>Name of Product</b>		Losartan Potassium Tablet 50 mg				<b>Batch No</b>		EMD8018	
<b>Description of the pack</b>		10's Alu – PVC Blister pack				<b>Mfg. Date</b>		Aug – 2018	
<b>Parameters and Test methods monitored</b>		Description, Identification, Avg. Wt, D.T., Dissolution, Organic Impurities, Assay, MLT.				<b>Expiry Date</b>		Jul – 2021	
<b>Date of Initiation</b>		Aug – 2018				<b>Storage conditions</b>		30°C ± 2°C and 75% ± 5% RH	
						<b>Date of completion</b>		Aug – 2021	
<b>TESTS</b>	<b>LIMITS</b>	<b>RESULTS OF ANALYSIS</b>							
		<b>INITIAL</b>	<b>3 Months</b>	<b>6 Months</b>	<b>9 Months</b>	<b>12 Months</b>	<b>18 months</b>	<b>24 Months</b>	<b>36 Months</b>
Description	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.
Identification	The retention time of the major peak of the sample solution corresponds to that of the standard solutions obtained in assay.	Complies							
Avg. Wt	95.27 mg – 110.72 mg	104.5 mg	103.2 mg	105.6 mg	104.8 mg	104.5 mg	103.7 mg	103.5 mg	105.8 mg
D.T	NMT 30 Mins.	6 mins 45 sec	7 min	7 min 15 sec	8 min	8 min	8 min 20 sec	8 min 45 sec	9 min
Dissolution	N.L.T. 75.0% (Q)	1]91% 2]93% 3]93% 4]95% 5]95% 6]96%	1]91% 2]90% 3]92% 4]94% 5]95% 6]94%	1]92% 2]91% 3]93% 4]93% 5]92% 6]94%	1]92% 2]93% 3]93% 4]91% 5]93% 6]94%	1]91% 2]93% 3]93% 4]95% 5]94% 6]91%	1]93% 2]93% 3]90% 4]94% 5]91% 6]91%	1]93% 2]92% 3]91% 4]90% 5]89% 6]90%	1]91% 2]89% 3]91% 4]92% 5]88% 6]91%



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<b>Name of Product</b>		Losartan Potassium Tablet 50 mg				<b>Batch No</b>	EMD8018		
<b>Description of the pack</b>		10's Alu - PVC Blister pack				<b>Mfg. Date</b>	Aug - 2018		
<b>Parameters and Test methods monitored</b>		Description, Identification, Avg. Wt, D.T., Dissolution, Organic Impurities, Assay, MLT.				<b>Expiry Date</b>	Jul - 2021		
<b>Date of Initiation</b>		Aug - 2018				<b>Storage conditions</b>	30°C ± 2°C and 75% ± 5% RH		
						<b>Date of completion</b>	Aug - 2021		
<b>TESTS</b>	<b>LIMITS</b>	<b>RESULTS OF ANALYSIS</b>							
		<b>INITIAL</b>	<b>3 Months</b>	<b>6 Months</b>	<b>9 Months</b>	<b>12 Months</b>	<b>18 months</b>	<b>24 Months</b>	<b>36 Months</b>
<b>Organic Impurities</b>									
1-H-Dimer	N.M.T. 0.5%	0.009%	0.010%	0.013%	0.015%	0.016%	0.018%	0.021%	0.022%
2-H-Dimer	N.M.T. 0.5%	None detected	None detected	0.001%	0.003%	0.005%	0.006%	0.008%	0.009%
Total Impurity	N.M.T. 1.0%	0.009%	0.010%	0.014%	0.018%	0.021%	0.024%	0.029%	0.031%
Uniformity of Content	NMT 15.0 when determined on 10 individual limits	2.4	-	-	-	-	-	-	2.7
Assay	95.0% to 105.0%	101.3%	100.90%	100.75%	100.50%	100.20%	99.90%	99.70%	99.45%
<b>Microbial Limit Test</b>									
<b>Total aerobic microbial count</b>									
Bacterial Counts	NMT 1000 cfu/gm	50 cfu/gm	-	-	-	-	-	-	55 cfu/gm
Fungi	NMT 100 cfu/gm	Nil	-	-	-	-	-	-	Nil
<b>Test for specified microorganisms:</b>									
<i>E. coli</i>	Absent in 1 gm	Absent	-	-	-	-	-	-	Absent
<i>Salmonellae</i>	Absent in 10 gm	Absent	-	-	-	-	-	-	Absent
<i>Pseudomonas</i>	Absent in 1 gm	Absent	-	-	-	-	-	-	Absent
<i>Staph aureus</i>	Absent in 1 gm	Absent	-	-	-	-	-	-	Absent



Approved By  
Mr. S. M. Daptardar  
QA Manager



### ACCELERATED STABILITY STUDY REPORT

<b>Name of product</b>	Losartan Potassium Tablet 50 mg	<b>Batch No</b>	EMD8019
<b>Description of the pack</b>	10's Alu – PVC Blister pack	<b>Mfg. Date</b>	Aug – 2018
<b>Parameters and test method monitored</b>	Description, Identification, Avg. Wt, D.T., Dissolution, Organic Impurities, Assay, MLT.	<b>Expiry Date</b>	Jul – 2021
<b>Date of Initiation</b>	Aug – 2018	<b>Storage conditions</b>	40°C ± 2°C and 75% ± 5% RH
		<b>Date of completion</b>	Feb – 2019

<b>TEST</b>	<b>LIMITS</b>	<b>RESULTS OF ANALYSIS</b>		
		<b>INITIAL</b>	<b>3 Month</b>	<b>6 Month</b>
Description	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.
Identification	The retention time of the major peak of the sample solution corresponds to that of the standard solutions obtained in assay.	Complies	Complies	Complies
Avg. Wt	95.27 mg – 110.72 mg	103.7 mg	104.2 mg	104.2 mg
D.T	NMT 30 Mins.	6 min	8 min	8 min
Dissolution	N.L.T. 75.0% (Q)	1]95% 2]97% 3]95% 4]96% 5]93% 6]93%	1]92% 2]92% 3]91% 4]91% 5]95% 6]94%	1]94% 2]93% 3]91% 4]91% 5]95% 6]90%
<b>Organic Impurities</b>				
1-H-Dimer:	N.M.T. 0.5%	0.006%	0.008%	0.010%
2-H-Dimer:	N.M.T. 0.5%	None detected	None detected	0.001%
Total Impurity	N.M.T. 1.0%	0.006%	0.008%	0.011%
Uniformity of Content	NMT 15.0 when determined on 10 individual limits	2.3	-	3.4
Assay	95.0% to 105.0%	100.2%	99.95%	99.70%
<b>Microbial Limit Test</b>				
<b>Total aerobic microbial count</b>				
Bacterial Counts	NMT 1000 cfu/gm	60 cfu/gm	-	30 cfu/gm
Fungi	NMT 100 cfu/gm	Nil	-	Nil
<b>Test for specified microorganisms:</b>				
<i>E.coli</i>	Absent in 1 gm	Absent	-	Absent
<i>Salmonellae</i>	Absent in 10 gm	Absent	-	Absent
<i>Pseudomonas</i>	Absent in 1 gm	Absent	-	Absent
<i>Staph.aureus</i>	Absent in 1 gm	Absent	-	Absent

*Sm Daptardar*  
Approved By  
Mr. S. M. Daptardar  
QA Manager



### REAL TIME STABILITY STUDY REPORT

<b>Name of Product</b>		Losartan Potassium Tablet 50 mg				<b>Batch No</b>		EMD8019	
<b>Description of the pack</b>		10's Alu – PVC Blister pack				<b>Mfg. Date</b>		Aug – 2018	
<b>Parameters and Test methods monitored</b>		Description, Identification, Avg. Wt, D.T., Dissolution, Organic Impurities, Assay, MLT.				<b>Expiry Date</b>		Jul – 2021	
<b>Date of Initiation</b>		Aug – 2018				<b>Storage conditions</b>		30°C ± 2°C and 75% ± 5% RH	
						<b>Date of completion</b>		Aug – 2021	
<b>TESTS</b>	<b>LIMITS</b>	<b>RESULTS OF ANALYSIS</b>							
		<b>INITIAL</b>	<b>3 Months</b>	<b>6 Months</b>	<b>9 Months</b>	<b>12 Months</b>	<b>18 months</b>	<b>24 Months</b>	<b>36 Months</b>
Description	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.
Identification	The retention time of the major peak of the sample solution corresponds to that of the standard solutions obtained in assay.	Complies							
Avg. Wt	95.27 mg – 110.72 mg	103.7 mg	103.8 mg	103.2 mg	105.7 mg	104.7 mg	103.5 mg	104.4 mg	104.9 mg
D.T	NMT 30 Mins.	6 min	6 min 40 sec	7 min	7 min 25 sec	8 min	8 min 10 sec	8 min 30 sec	8 min
Dissolution	N.L.T. 75.0% (Q)	1]95% 2]97% 3]95% 4]96% 5]93% 6]93%	1]95% 2]94% 3]94% 4]92% 5]93% 6]95%	1]95% 2]94% 3]93% 4]92% 5]92% 6]94%	1]93% 2]95% 3]93% 4]92% 5]91% 6]94%	1]93% 2]94% 3]92% 4]94% 5]91% 6]91%	1]91% 2]93% 3]92% 4]94% 5]90% 6]92%	1]93% 2]91% 3]90% 4]89% 5]93% 6]93%	1]91% 2]90% 3]92% 4]93% 5]89% 6]91%



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<b>Name of Product</b>		Losartan Potassium Tablet 50 mg				<b>Batch No</b>		EMD8019	
<b>Description of the pack</b>		10's Alu - PVC Blister pack				<b>Mfg. Date</b>		Aug - 2018	
<b>Parameters and Test methods monitored</b>		Description, Identification, Avg. Wt, D.T., Dissolution, Organic Impurities, Assay, MLT.				<b>Expiry Date</b>		Jul - 2021	
<b>Date of Initiation</b>		Aug - 2018				<b>Storage conditions</b>		30°C ± 2°C and 75% ± 5% RH	
						<b>Date of completion</b>		Aug - 2021	
<b>TESTS</b>	<b>LIMITS</b>	<b>RESULTS OF ANALYSIS</b>							
		INITIAL	3 Months	6 Months	9 Months	12 Months	18 months	24 Months	36 Months
<b>Organic Impurities</b>									
1-H-Dimer:	N.M.T. 0.5%	0.006%	0.009%	0.011%	0.013%	0.015%	0.017%	0.019%	0.021%
2-H-Dimer:	N.M.T. 0.5%	None detected	None detected	0.002%	0.004%	0.006%	0.008%	0.010%	0.011%
Total Impurity	N.M.T. 1.0%	0.006%	0.009%	0.013%	0.017%	0.021%	0.025%	0.029%	0.032%
Uniformity of Content	NMT 15.0 when determined on 10 individual limits	2.3	-	-	-	-	-	-	4.1
Assay	95.0% to 105.0%	100.2%	99.80%	99.65%	99.50%	99.30%	99.15%	98.80%	98.65%
<b>Microbial Limit Test</b>									
<b>Total aerobic microbial count</b>									
Bacterial Counts	NMT 1000 cfu/gm	40 cfu/gm	-	-	-	-	-	-	45 cfu/gm
Fungi	NMT 100 cfu/gm	Nil	-	-	-	-	-	-	Nil
<b>Test for specified microorganisms:</b>									
<i>E.coli</i>	Absent in 1 gm	Absent	-	-	-	-	-	-	Absent
<i>Salmonellae</i>	Absent in 10 gm	Absent	-	-	-	-	-	-	Absent
<i>Pseudomonas</i>	Absent in 1 gm	Absent	-	-	-	-	-	-	Absent
<i>Stap.aureus</i>	Absent in 1 gm	Absent	-	-	-	-	-	-	Absent



gMDaptardar

Approved By  
Mr. S. M. Daptardar  
QA Manager



**ACCELERATED STABILITY STUDY REPORT**

<b>Name of product</b>	Losartan Potassium Tablet 50 mg	<b>Batch No</b>	EMD8020
<b>Description of the pack</b>	10's Alu - PVC Blister pack	<b>Mfg. Date</b>	Aug - 2018
<b>Parameters and test method monitored</b>	Description, Identification, Avg. Wt, D.T., Dissolution, Organic Impurities, Assay, MLT.	<b>Expiry Date</b>	Jul - 2021
<b>Date of Initiation</b>	Aug - 2018	<b>Storage conditions</b>	40°C ± 2°C and 75% ± 5% RH
		<b>Date of completion</b>	Feb - 2019

<b>TEST</b>	<b>LIMITS</b>	<b>RESULTS OF ANALYSIS</b>		
		<b>INITIAL</b>	<b>3 Month</b>	<b>6 Month</b>
Description	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.
Identification	The retention time of the major peak of the sample solution corresponds to that of the standard solutions obtained in assay.	Complies	Complies	Complies
Avg. Wt	95.27 mg - 110.72 mg	106.8 mg	104.8 mg	105.8 mg
D.T.	NMT 30 Mins.	7 min	7 min 20 sec	8 min 10 sec
Dissolution	N.L.T. 75.0% (Q)	1]95% 2]97% 3]94% 4]93% 5]96% 6]94%	1]95% 2]93% 3]92% 4]91% 5]93% 6]93%	1]95% 2]92% 3]91% 4]92% 5]92% 6]91%

<b>Organic Impurities</b>				
1-H-Dimer:	N.M.T. 0.5%	None detected	0.006%	0.009%
2-H-Dimer:	N.M.T. 0.5%	None detected	None detected	0.002%
Total Impurity	N.M.T. 1.0%	None detected	0.006%	0.011%
Uniformity of Content	NMT 15.0 when determined on 10 individual limits	2.5	-	2.1
Assay	95.0% to 105.0%	101.0%	100.75%	100.40%

**Microbial Limit Test**

<b>Total aerobic microbial count</b>				
Bacterial Counts	NMT 1000 cfu/gm	50 cfu/gm	-	55 cfu/gm
Fungi	NMT 100 cfu/gm	Nil	-	Nil

<b>Test for specified microorganisms:</b>				
<i>E. coli</i>	Absent in 1 gm	Absent	-	Absent
<i>Salmonellae</i>	Absent in 10 gm	Absent	-	Absent
<i>Pseudomonas</i>	Absent in 1 gm	Absent	-	Absent
<i>Staph.aureus</i>	Absent in 1 gm	Absent	-	Absent

*S. M. Daptardar*  
Approved By  
Mr. S. M. Daptardar  
QA Manager



### REAL TIME STABILITY STUDY REPORT

<b>Name of Product</b>		Losartan Potassium Tablet 50 mg				<b>Batch No</b>		EMD8020	
<b>Description of the pack</b>		10's Alu – PVC Blister pack				<b>Mfg. Date</b>		Aug – 2018	
<b>Parameters and Test methods monitored</b>		Description, Identification, Avg. Wt, D.T., Dissolution, Organic Impurities, Assay, MLT.				<b>Expiry Date</b>		Jul – 2021	
<b>Date of Initiation</b>		Aug – 2018				<b>Storage conditions</b>		30°C ± 2°C and 75% ± 5% RH	
						<b>Date of completion</b>		Aug – 2021	
<b>TESTS</b>	<b>LIMITS</b>	<b>RESULTS OF ANALYSIS</b>							
		<b>INITIAL</b>	<b>3 Months</b>	<b>6 Months</b>	<b>9 Months</b>	<b>12 Months</b>	<b>18 months</b>	<b>24 Months</b>	<b>36 Months</b>
Description	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.	Pink coloured round biconvex, film coated tablet with V2 embossing on one side & plain on other side.
Identification	The retention time of the major peak of the sample solution corresponds to that of the standard solutions obtained in assay.	Complies							
Avg. Wt	95.27 mg – 110.72 mg	106.8 mg	105.9 mg	106.1 mg	104.5 mg	103.9 mg	104.7 mg	105.1 mg	103.7 mg
D.T	NMT 30 Mins.	7 min	7 min 30 sec	7 min 50 sec	8 min	8 min	8 min 20 sec	8 min 45 sec	9 min
Dissolution	N.L.T. 75.0% (Q)	1]95% 2]97% 3]94% 4]93% 5]96% 6]94%	1]95% 2]93% 3]94% 4]94% 5]93% 6]94%	1]93% 2]95% 3]94% 4]92% 5]96% 6]93%	1]94% 2]92% 3]93% 4]95% 5]93% 6]93%	1]95% 2]93% 3]94% 4]92% 5]94% 6]91%	1]93% 2]91% 3]93% 4]94% 5]94% 6]94%	1]93% 2]92% 3]94% 4]93% 5]91% 6]91%	1]93% 2]93% 3]92% 4]90% 5]89% 6]91%



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Name of Product	Losartan Potassium Tablet 50 mg	Batch No	EMD8020
Description of the pack	10's Alu - PVC Blister pack	Mfg. Date	Aug - 2018
Parameters and Test methods monitored	Description, Identification, Avg. Wt, D.T., Dissolution, Organic Impurities, Assay, MLT	Expiry Date	Jul - 2021
Date of Initiation	Aug - 2018	Storage conditions	30°C ± 2°C and 75% ± 5% RH
		Date of completion	Aug - 2021

#### RESULTS OF ANALYSIS

TESTS	LIMITS	INITIAL	3 Months	6 Months	9 Months	12 Months	18 months	24 Months	36 Months
<b>Organic Impurities</b>									
1-H-Dimer	N.M.T. 0.5%	None detected	0.005%	0.008%	0.009%	0.011%	0.012%	0.014%	0.016%
2-H-Dimer	N.M.T. 0.5%	None detected	None detected	0.002%	0.005%	0.005%	0.007%	0.009%	0.010%
Total Impurity	N.M.T. 1.0%	None detected	0.005%	0.010%	0.014%	0.016%	0.019%	0.023%	0.026%
Uniformity of Content	NMT 15.0 when determined on 10 individual limits	2.5	-	-	-	-	-	-	3.5
Assay	95.0% to 105.0%	101.0%	100.89%	100.75%	100.55%	100.30%	99.99%	99.70%	99.45%

#### Microbial Limit Test

Total aerobic microbial count									
Bacterial Counts	NMT 1000 cfu/gm	50 cfu/gm	-	-	-	-	-	-	45 cfu/gm
Fungi	NMT 100 cfu/gm	Nil	-	-	-	-	-	-	Nil

#### Test for specified microorganisms:

<i>E. coli</i>	Absent in 1 gm	Absent	-	-	-	-	-	-	Absent
<i>Salmonellae</i>	Absent in 10 gm	Absent	-	-	-	-	-	-	Absent
<i>Pseudomonas</i>	Absent in 1 gm	Absent	-	-	-	-	-	-	Absent
<i>Staph.aureus</i>	Absent in 1 gm	Absent	-	-	-	-	-	-	Absent

Approved By  
Mr. S. M. Daptardar  
QA Manager

