

	<b>INNOVA PHARMACTIVE PVT. LTD.</b>		<b>MASTER COPY</b>	
	<b>TEST DATA SHEET</b>			Authorized By / Date : <i>12/11/2024</i>
	Specification No.	IP/QCD/WAS/001(Revision No.09)		
Product Name	Purified Water			Issued By / <i>Aditya</i>
Batch No.	<i>NA</i>			Date : <i>30/09/2025</i>
A.R. No.	<i>QW25496 (UP-PW-203)</i>			Page No. 1 of 8

• Test Summary Report:

Sampling Date	<i>01/10/2025</i> <i>30/09/2025</i>	Release Date	<i>06/10/2025</i>
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Sr.No	Test	Specification	Result
A	Chemical analysis		
1	Appearance	A clear, colorless and odorless liquid.	<i>A clear, colorless and odorless liquid</i>
2	Nitrates	Maximum 0.2 ppm	<i>Complies</i>
3	Acidity or alkalinity	The solution should not turn to red or blue color after addition of the indicators.	<i>Complies</i>
4	Oxidisable substances	The solution should remain faintly pink.	<i>Complies</i>
5	Chlorides	The solution shows no change in appearance for at least 15 min.	<i>Complies</i>
6	Sulfates	The solution shows no change in appearance for at least 1 hour.	<i>Complies</i>
7	Ammonium	Maximum 0.2 ppm.	<i>Complies</i>
8	Calcium and magnesium	A pure blue color should be produced.	<i>Complies</i>
9	Residue on evaporation	Maximum 0.001%	<i>0.0002%</i>
10	Conductivity	Not more than 5.1 $\mu\text{Scm}^{-1}$ at 25°C	<i>0.8354 <math>\mu\text{Scm}^{-1}</math></i>
B	Microbial analysis		
1	Total viable count (Determined by Membrane Filtration Technique)	Not more Than 100CFU/ml	<i>06 CFU/ml</i>
2	Specified micro-organisms a) <i>Escherichia coli</i> b) <i>Salmonella abony</i> c) <i>Staphylococcus aureus</i> d) <i>Pseudomonas aeruginosa</i>	To be Absent/ml To be Absent/10ml To be Absent/ml To be Absent/ml	<i>Absent</i> <i>Absent</i> <i>Absent</i> <i>Absent</i>

Remarks: The Sample Complies/~~Does not comply~~ as per the specification No. IP/QCD/WAS/001

Tested By/Date	Reviewed By/Date	Released By/Date
<i>06/10/2025</i>	<i>06/10/2025</i>	<i>06/10/2025</i>

*01/10/2025*





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TEST DATA SHEET		Authorized By / Date :	
Specification No. IP/QCD/WAS/001(Revision No.09)		N2 01/07/2024	
Product Name	Purified Water	Issued By /	Aditya
Batch No.	NA	Date :	30/09/2025
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A Chemical analysis:

1.0 Appearance:

Date : 01/10/2025

Observation:

Sr.No	Sample Quantity	Observation
01	50ml	A Clear, colorless and odorless liquid

(Complies / Not Complies)

Tested By/Date: N2 01/10/2025

Reviewed By/Date: 01/10/2025

2.0 Nitrates:

Date : 01/10/2025

Balance No.IP/QCD/ELB/NA

Preparation of 10% Potassium chloride solution:

Date of preparation: 10/07/2025	Expiry: 10/10/2025
Batch No of solution:	QR-41/250710

Preparation of diphenylamine solution:

Date of preparation: 01/09/2025	Expiry: 01/12/2025
Batch No of solution:	QR-06/250901

Nitrate standard Solution (100ppm NO<sub>3</sub>):

Date of preparation: 28/09/2025	Expiry: 28/12/2025
Batch No of solution:	QR-43/250928

Nitrate standard Solution (10ppm NO<sub>3</sub>):

Take 10 ml of Nitrate standard Solution (100ppm NO<sub>3</sub>) 100 ml volumetric flask and make up the volume up to 100 ml with distilled water.

Nitrate standard Solution (2ppm NO<sub>3</sub>):

Take 10 ml of Nitrate standard Solution (10ppm NO<sub>3</sub>) 50 ml volumetric flask and make up the volume up to 50 ml with distilled water.

Observation: Blue color in test solution is not more intense than that in reference solution.

(Complies / Not Complies)

Tested By/Date: N2 01/10/2025

Reviewed By/Date: 01/10/2025

3.0 Acidity or alkalinity:

Date : 01/10/2025

Acidity:

Observation: solution not produced red color



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Alkalinity:

Observation: Solution not produced blue color

(Complies /Not Complies)

4.0 Tested By/Date: Nial  
01/10/2025  
 Oxidisable substances: 01/10/2025  
 Date : 01/10/2025

Reviewed By/Date:

01/10/2025

Preparation of 0.02M Potassium Permanganate:

Date of preparation: <u>22/08/2025</u>	Expiry: <u>22/11/2025</u>
Batch No of solution:	<u>QR-54/250822</u>

Observation: Solution remained faintly pink

(Complies /Not Complies)

5.0 Tested By/Date: Nial  
01/10/2025  
 Chlorides:  
 Date : 01/10/2025

Reviewed By/Date:

01/10/2025

Preparation of 0.1M Silver nitrate:

Date of preparation: <u>10/07/2025</u>	Expiry: <u>10/10/2025</u>
Batch No of solution:	<u>QR-14/250710</u>

Observation: Solution shows no change in appearance for at least 15 minutes

(Complies /Not Complies)

6.0 Tested By/Date: Nial  
01/10/2025  
 Sulfate:  
 Date : 01/10/2025

Reviewed By/Date:

01/10/2025

Preparation of Barium Chloride:

Date of preparation: <u>02/09/2025</u>	Expiry: <u>02/12/2025</u>
Batch No of solution:	<u>QR-12/250902</u>

Observation: Solution shows no change in appearance for at least 1 hour

(Complies /Not Complies)

7.0 Tested By/Date: Nial  
01/10/2025  
 Ammonium:  
 Date : 01/10/2025

Reviewed By/Date:

01/10/2025



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TEST DATA SHEET		Authorized By / Date :	
Specification No. IP/QCD/WAS/001(Revision No.09)		re) 01/10/2024	
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#### Alkaline Potassium tetraiodomercurate:

Date of preparation: 24/07/2025	Expiry: 24/12/2025
Batch No of solution:	QR-15/250724

#### Ammonia free water:

Take 100 ml of distilled water add 0.1 ml sulphuric acid.

#### Ammonium standard solution (1 ppm NH<sub>4</sub>):

Date of preparation: 12/08/2025	Expiry: 12/11/2025
Batch No of solution:	QR-13/250812

Observation: Yellow color in test solution is not more intense than that in refer standard solution

(Complies /Not Complies)

Tested By/Date: Nial 01/10/2025

Reviewed By/Date: 01/10/2025

#### 8.0 Calcium and Magnesium:

Date : 01/10/2025

Balance No.IP/QCD/ELB/053

Observation: Pure blue color produced

(Complies /Not Complies)

Tested By/Date: Nial 01/10/2025

Reviewed By/Date: 01/10/2025

#### 9.0 Residue on evaporation:

Date : 01/10/2025

Balance No.IP/QCD/ELB/066

Instrument No.IP/QCD/WAT/NA

#### Formula:

(Wt. After evaporation) – (Wt of empty evaporating dish)

%Residue on evaporation:= -----X 100

(Wt. of sample)

- A) Wt. of empty evaporating dish - 47.4954g
- B) Wt. of sample - 97.5860g
- C) Wt. of sample + empty evaporating dish - 145.0814g
- D) Wt. After evaporation - 47.4956g

= 0.0002 %

(Complies / not Complies)

Tested By/Date: Nial 01/10/2025

Reviewed By/Date: 01/10/2025

#### 10.0 Conductivity:

Date :

Instrument No. IP/QCD/CDM/051

Result: 0.835  $\mu$ scm<sup>-1</sup>

Observed value of Conductivity = 1.052  $\mu$ scm<sup>-1</sup>



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TEST DATA SHEET		Authorized By / Date : <u>MJ</u> <u>01/10/2024</u>	
Specification No. IP/QCD/WAS/001(Revision No.09)		Issued By / <u>Aditya</u>	
Product Name	Purified Water	Date :	<u>30/09/2025</u>
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Temperature of Conductivity = 31.5°C  
 Formula =  $\frac{\text{Observed value of conductivity} \times 25^{\circ}\text{C}}{\text{Observed value of temperature}}$   
 =  $1.052 \times \frac{25^{\circ}\text{C}}{31.5}$   
 Observation: 0.8349  $\approx$  0.835  $\mu\text{S (m)}$

(Complies / ~~Not Complies~~)

Tested By/Date: MJ 01/10/2025

Reviewed By/Date: 01/10/2025

## B. MICROBIAL ANALYSIS

### 1.0 Total viable count:

By membrane filtration technique :

Date: 01/10/2025

Observation Table:

Media Batch No: <u>MR2A136/25</u>				Incubator No: IP/QCD/BOD/ <u>027</u>		
Incubation started on : <u>01/10/2025</u>				Incubation Completed on: <u>06/10/2025</u>		
Name of culture used: <u>B. subtilis</u>				Instrument No.: IP/QCD/COL/ <u>045</u>		
Period	Day 1	Day 2	Day 3	Day 4	Day 5	Average CFU/ml
Plate1 (R2A agar)	<u>-</u>	<u>00</u>	<u>02</u>	<u>04</u>	<u>06</u>	<u>06</u>
Plate2 (R2A agar)	<u>-</u>	<u>00</u>	<u>01</u>	<u>03</u>	<u>05</u>	
Date & sign	<u>-</u>	<u>03/10/2025</u>	<u>04/10/2025</u>	<u>05/10/2025</u>	<u>06/10/2025</u>	

Observations: BQ3M2W4D6

Positive control: Growth observed/ ~~No growth observed~~

Negative Control: ~~Growth observed~~/ No growth observed

Test Sample: Growth observed/ ~~No growth observed~~

(Complies / ~~Not Complies~~)

Tested By/Date: 06/10/2025

Reviewed By/Date: 06/10/2025

### 2.0 Test for Specified micro-organisms:

#### a) Escherichia coli:

Date: 01/10/2025

Incubator No.: IP/QCD/BOD/ 027

Incubator No.: IP/QCD/BOD/ 057

Sample preparation Date : 01/10/2025

Media Batch no. BSCDB 148/25

Observation Table 1:

Media Batch no. <u>BMAC139/25</u>	Code of culture: <u>BQ2M2W1D1</u>
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01/10/2025



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## TEST DATA SHEET

Specification No. IP/QCD/WAS/001(Revision No.09)

Authorized By / Date :

M 01/10/2024

Product Name Purified Water

Issued By /

Aditya

Date :

30/09/2025

Batch No.

NA

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Incubation started on : 03/10/2025

Incubation Completed on: 05/10/2025

## Observations:

## Yellow colour Turbidity

Positive control: Turbidity Present/ Absent

Negative Control: Turbidity Present/ Absent

Test Sample: Turbidity Present/ Absent

## Observation table 2:

Media Batch no.	Code of culture:
Incubation started on :	Incubation Completed on:

## Observations:

Positive control: Present/ Absent

Negative Control: Present/ Absent

Test Sample: Present/ Absent

## • Confirmatory test:

## Observation:

NA 05/10/2025

Cherry red colour indole ring produced / not produced.

Test Sample: *E.coli* Present / Absent per ml of the water sample.

(Complies / Not Complies)

Tested By/Date: 05/10/2025

Reviewed By /Date: 06/10/2025

b) *Salmonella abony*:

Date: 01/10/2025

Incubator No.: IP/QCD/BOD/ 027

Sample preparation Date : 01/10/2025 Media Batch no. BSCDB148125

## Observation Table 1:

Media Batch no. BRUSE046125	Code of culture: SQ3M3W1D1
Incubation started on : 03/10/2025	Incubation Completed on: 04/10/2025

## Observations:

## Milky Turbidity

Positive control: Turbidity Present/ Absent

Negative Control: Turbidity Present/ Absent

Test Sample: Turbidity Present/ Absent

## Observation table 2:

Media Batch no. MXLDA139125	Code of culture: SQ3M3W1D2
Incubation started on : 04/10/2025	Incubation Completed on: 06/10/2025

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**Observations:**

**Growth of red colonies with or without black centre**

Positive control: Present/ ~~Absent~~

Negative Control: Present/ ~~Absent~~

Test Sample: Present/ ~~Absent~~

**Test sample:** *Salmonella abony* Present / Absent per 10 ml of the test water sample.

(Complies / Not Complies)

Tested By/Date: *Ⓢ* 06/10/2025

Reviewed By /Date: *Ⓢ* 06/10/2025

**c) Staphylococcus aureus:**

Date: 01/01/2025

Incubator No.: IP/QCD/BOD/027

Sample preparation Date : 01/01/2025 Media Batch no. BSCDB148/25

**Observation Table:**

Media Batch no. MMSA139/25	Code of culture: <i>StQ3m3w1D1</i>
Incubation started on : 03/10/2025	Incubation Completed on: 06/10/2025

**Observations:** 03/10/2025

**Yellow / off-white colonies with yellow zone**

Positive control: Present/ ~~Absent~~

Negative Control: ~~Present~~/ Absent

Test Sample: Present/ Absent

**• Confirmatory test:**

**Observation:**

Coagulation / no coagulation observed.

**Test Sample:** *Staphylococcus aureus* Present / Absent per ml of the water sample.

(Complies / ~~Not Complies~~)

Tested By/Date: *Ⓢ* 06/10/2025

Reviewed By /Date: *Ⓢ* 06/10/2025

**d) Pseudomonas aeruginosa:**

Date: 01/10/2025

Incubator No.: IP/QCD/BOD/027

Sample preparation Date : 01/10/2025 Media Batch no. BSCDB148/25

**Observation Table:**

Media Batch no. MCA139/25	Code of culture: <i>PQ2m2w1D1</i>
Incubation started on : 03/10/2025	Incubation Completed on: 06/10/2025

**Observations:**

**Greenish colonies showing fluorescence under UV**

Positive control: Present/ ~~Absent~~

Negative Control: Present/ Absent

*Ⓢ* 03/10/2025



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Product Name	Purified Water	Issued By /	Aditya
Batch No.	NA	Date :	30/09/2025
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Test Sample: ~~Present~~/ Absent

• Confirmatory test:

Observation:

Purple color produced / not produced within 5-10 seconds.

Test Sample: *Pseudomonas aeruginosa* ~~Present~~ / Absent per ml of the water sample.

(Complies / ~~Not Complies~~)

Tested By/Date: 06/10/2025

Reviewed By /Date: 03/10/2025

Raw data, chromatograms are attached with the Test Data Sheet. If applicable.

Comment: Due to Dussehra Holiday Trc and Pathogen test perform on next working day.

Conclusion: The above sample Complies / ~~does not Complies~~ with the tests as per specification No. IP/QCD/WAS/001.

Released By: 03/10/2025

Date: 03/10/2025