

### HiPurA® Molecular Biology Grade Water (for forensic applications)

Product Name	Product Code	Kit Packing
HiPurA® Molecular Biology Grade Water (for forensic applications)	ML253-50ML ML253-100ML	50 ml 100 ml

#### Description

HiMedia's HiPurA® Molecular Biology Grade Water is an ultra-pure, DNA-free water specifically prepared to meet the high standards required in forensic laboratories. This water is manufactured in compliance with the ISO 18385:2016 standard.

#### Quality Control

HiMedia's HiPurA® Molecular Biology Grade Water undergoes rigorous quality control to check for any potential DNA, RNase, DNase and proteins. It's certified to be free of human DNA and other contaminants to prevent any risk of cross-contamination in forensic examinations, ensuring that the water won't contribute to false positives or inaccurate results during analysis.

#### Properties

Appearance	: Colorless solution
Clarity	: Clear and free of particles
Nuclease & Protease	: None detected
Human DNA	: None detected
Absorbance at 254 nm	: ≤ 0.001
Residue on ignition	: Nil
Silica (SiO <sub>2</sub> ) content (mg/l)	: ≤ 0.01
Sterility	: No bacterial or fungal growth is observed after 14 days of incubation as per USP specifications.
Suitability Test	: Suitable to be used for forensic applications

#### Applications

HiMedia's HiPurA® Molecular Biology Grade Water can be used in forensic science, where contamination from external DNA sources can compromise the integrity of evidence analysis, leading to incorrect results in DNA profiling or other tests.

#### Composition

HiMedia's HiPurA® Molecular Biology Grade Water is autoclaved to ensure sterility. Finally, the product is filtered through a 0.2-micron filter.

**Note: ML253 is manufactured using ultra-pure water with the conductivity ≤0.05 µS/m.**

Please refer disclaimer Overleaf.

### Storage conditions

HiMedia's HiPurA® Molecular Biology Grade Water (for forensic applications) can be stored at room temperature (15-25°C). Under recommended conditions, the reagent is stable for 24 months.

### Warning and Precautions

Not for Medicinal Use. Read the SDS carefully before beginning the protocol. Wear protective gloves/protective clothing/eye protection/face protection. Follow good clinical laboratory practices while handling clinical samples. Standard precautions should be followed as per established guidelines. Safety guidelines may be referred to in the safety data sheets of the product.

### Performance and Evaluation

Performance of the solution is expected when the solution is stored at recommended temperature and within the expiry period.









### Safety Information

HiMedia's HiPurA® Molecular Biology Grade Water (for forensic applications) is for laboratory use only, not for drug, household or other uses. Take appropriate laboratory safety measures and wear gloves and safety goggles when handling. Not compatible with disinfecting agents containing bleach. Please refer to the Safety Data Sheet (SDS) for information regarding hazards and safe handling practices.

### Technical Assistance

At HiMedia we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail at [mb@himedialabs.com](mailto:mb@himedialabs.com).

### Symbol

	Manufacturer		Do not use if package is damaged
	Batch code		Temperature limit
	Date of manufacture (YYYY-MM)		Consult instructions for use
	Use-by date (YYYY-MM)		Catalogue number

Identification No.: PIML253

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#### Disclaimer :

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related HiMedia™ publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. HiMedia™ Laboratories Pvt Ltd reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.

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