

AG-DEPC TREATED WATER

INTRODUCTION

AstraGene's DEPC Treated water is sterile filtered water treated with 0.1% Diethylpyrocarbonate (DEPC). It is produced specifically for molecular biology applications like DNA/RNA purification, protein applications and experiments involving RNA. DEPC inactivates RNases by carboxylation of specific amino acid side chains in the protein.

Water is one of the elemental solvents which is extensively used in preparing solutions DEPC treated water is suitable for use in all kinds of molecular biology applications where high quality of water is required. Each lot of this product is treated with DEPC and autoclaved.

INSTRUCTIONS FOR USE

Open the bottle under sterile conditions to maintain sterility of the reagent.

PACKAGE CONTENTS

Description	Product Item code	Quantity
AG-DEPC Treated Water	AG/WATER/DEPC/01	1x100ml
	AG/WATER/DEPC/02	5x100ml
Catalogue No	AG/DEW/22/01	

STORAGE & STABILITY

- The DEPC treated water should be stored at room temperature. Use the reagents within 30 days once opened.

APPLICATIONS

- DEPC Treated water is ideal for the preparation of reagents, rinsing glassware and plasticware, and other molecular biology applications where RNase, DNase, and Protease-free water is required. It is widely used for several fundamental procedures like PCR, gel electrophoresis, DNA sequencing etc.

COMPOSITION

- RO water is filtered through 0.2-micron filter, treated with 0.1% Diethylpyrocarbonate (DEPC), autoclaved and packed.

PROPERTIES:

Description	Specification
Appearance	Colorless solution
Clarity	Clear and free of particle
Bacterial /Fungal Contamination	No bacterial/ No fungal growth is observed after 7 days of incubation.

SAFETY INFORMATION:

- When working with chemicals, always wear a suitable lab coat, disposable gloves, and protective goggles. For more information, please consult the appropriate material safety data sheets (MSDSs)
- Do not use the product if there is evidence of leakage.

SYMBOLS:



Date of manufacture



Contains sufficient for < n >



Use-by-date



Do not use if package is damaged



Manufacturer



Batch Code



CE mark of Conformity



Refer to the instructions



ISO 13485:2016



GMP



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