

**Datasheet for MB-041****5.0 M Ammonium Acetate (DEPC Treated)****Overview**

|                     |                                                           |
|---------------------|-----------------------------------------------------------|
| <b>Description:</b> | 5.0 M Ammonium Acetate (untitrated) DEPC Treated - MB-041 |
| <b>Item No.:</b>    | MB-041                                                    |
| <b>Size:</b>        | 100 mL                                                    |

**Product Details**

|                    |                                                                                                                                                                                                                                                                                                                                                                                                     |
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| <b>Background:</b> | <p>Ammonium Acetate can be used for the precipitations of proteins and as a multipurpose buffer solution.</p> <p>Diethylpyrocarbonate (DEPC) is used to inactivate RNase enzymes in water and can also be used to affect the double-stranded structure of a DNA molecule.</p> <p>5.0 M Ammonium Acetate is ideal for investigators in Molecular Biology, Cell Biology, and Immunology research.</p> |
| <b>Synonyms:</b>   | CH <sub>3</sub> COONH <sub>4</sub> , Diethylpyrocarbonate                                                                                                                                                                                                                                                                                                                                           |

**Target Details**

|                            |                                                                                                                                                                                                                                                                                                 |
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| <b>Purity/Specificity:</b> | 5.0 M Ammonium Acetate (untitrated) DEPC treated was aseptically filtered through a Millipore 0.22 micron filter into clean, pre-sterilized containers. 5.0 M Ammonium Acetate was tested on trypticase soy agar for 24 hours, 48 hours and 72 hours and was found to be negative for bacteria. |
| <b>Relevant Links:</b>     | <ul style="list-style-type: none"><li><a href="#">MB-041 SDS</a></li></ul>                                                                                                                                                                                                                      |

**Application Details**

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| <b>Application Note:</b> | 5.0 Ammonium Acetate is a concentrated stock solution and should be diluted appropriately with distilled, deionized water or equivalent to its final working concentration. This buffer contains untitrated 5.0 M Ammonium Acetate. Meticulously prepared using ultra pure reagents dissolved in highly polished pharmaceutical grade deionized water treated with diethyl pyrocarbonate (DEPC). |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Assay Dilutions:** All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

## Formulation

**Physical State:** Liquid (sterile filtered)

**Concentration:** 5.0M

**Buffer:** See application note.

**Preservative:** None

**Stabilizer:** None

## Shipping & Handling

**Shipping Condition:** Ambient

**Storage Condition:** Store container at room temperature (18° to 26° C) prior to opening.

**Expiration:** Expiration date is six (6) months from date of receipt.

## Images



### Bottle

5.0 M Ammonium Acetate (untitrated) DEPC Treated

## Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.