

TEL: 886-2-2228-8950 FAX: 886-2-2228-8955 Mail: info@lis-tek.com

4F., No.926, Zhongzheng Rd., Zhonghe Dist., New Taipei City 235, Taiwan (R.O.C.)

Product Specification

Product : Ammonium Sulfate (NH₄)₂SO₄

Product Number : BDC004

Package: 10 g / 25 g

Storage: RT

INTRODUCTION

Chemical Formula: (NH₄)₂SO₄

CAS No.: 7783-20-2

Molecular Weight: 132.14 **Solubility:** Soluble in water

Description:

May be used for the precipitation or fractionation of proteins or for purification of antibodies. Useful for crystallographic analysis of nucleic acids and proteins.

Ammonium sulfate is a widely used reagent in molecular biology and chromatography. Applications 1 include the precipitation and fractionation of proteins, crystallization of proteins and of protein-nucleic acid complexes. Ammonium sulfate is also widely used in HPLC of proteins, such as in hydrophobic interaction chromatography.

CHEMICAL STRUCTURE

$$\left[\begin{array}{c} NH_4^+ \\ \end{array}\right]_2 \left[\begin{array}{c} O & O^- \\ -O & O \end{array}\right]$$

SinFORM-00025E Doc: 23052490002B

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