

Certificate of Analysis

SIGMA-ALDRICH®

Product Name	Ammonium acetate, 99.999% trace metals basis
Product Number	372331
Product Brand	ALDRICH
CAS Number	631-61-8
Molecular Formula	CH ₃ CO ₂ NH ₄
Molecular Weight	77.08
Storage Temp	room temp

TEST

SPECIFICATION

LOT 03229JD RESULTS

APPEARANCE

WHITE CRYSTALS

MOIST WHITE
CRYSTALS

INFRARED SPECTRUM

CONFORMS TO
STRUCTURE

CONFORMS TO
STRUCTURE.

TITRATION

97.9% (WITH NaOH)

TRACE ANALYSIS, ICP

20 PPM (MAXIMUM)
TRACE METALLIC
IMPURITIES

NA 2.6 PPM;

SE 1.5 PPM;

AG 0.9 PPM;

ZN 0.1 PPM

PURITY

PURITY BASED ON
TRACE METALS
ANALYSIS

>99.999% BASED ON
TRACE METAL
ANALYSIS

QUALITY CONTROL

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