

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-28 16:16:17
 Date of Next Testing: 2027-11-27 16:16:17
 Product Name: **N,N-Dimethylaniline**
 CAS Number: 121-69-7
 Specifications & Purity: purified by redistillation, ≥99.5%
 Lot #: K2322215
 SKU #: **D100063**
Analysis: **294903**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Magnesium(Mg)	0-1 (ppm)	0.00 ppm
Manganese(Mn)	0-1 (ppm)	0.00 ppm
Purity(GC)	99.5-100 (%)	99.64 %
Iron(Fe)	0-1 (ppm)	0.00 ppm
Barium(Ba)	0-1 (ppm)	0.00 ppm
Aluminum(Al)	0-5 (ppm)	0.00 ppm
Bismuth(Bi)	0-1 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	1.06 ppm
Density (20°C)	0.955-0.96	0.96
Zinc(Zn)	0-1 (ppm)	0.00 ppm
Nickel(Ni)	0-1 (ppm)	0.00 ppm
Strontium(Sr)	0-1 (ppm)	0.00 ppm
Calcium(Ca)	0-1 (ppm)	0.00 ppm
Refractive index n ₂₀ /D	1.556-1.56	1.56
Sodium(Na)	0-100 (ppm)	0.00 ppm
Copper(Cu)	0-1 (ppm)	0.00 ppm
Cadmium(Cd)	0-1 (ppm)	0.00 ppm
(Pb)Lead	0-1 (ppm)	0.00 ppm
Cobalt(Co)	0-1 (ppm)	0.00 ppm
Molybdenum(Mo)	0-1 (ppm)	0.00 ppm
Lithium(Li)	0-1 (ppm)	0.32 ppm
Appearance (D100063)	Colorless to light yellow liquid	Colorless to light yellow liquid
Hydrogen dioxide detection(catalase method)	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager