

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-13 15:09:00  
 Date of Next Testing: 2027-07-12 15:09:00  
 Product Name: **N,N-Dimethylaniline**  
 CAS Number: 121-69-7  
 Specifications & Purity: purified by redistillation, ≥99.5%  
 Lot #: G2307173  
 SKU #: **D100063**  
**Analysis:** **241524**  
 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 (%)	99.57 %
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)	1.03 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 <sub>20</sub> /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)	0.36 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



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager