

## Certificate of Analysis

Date of Testing: 2025-02-24 15:19:38  
Date of Next Testing: 2028-02-24 15:19:38  
Product Name: **N,N-Dimethylformamide-d<sub>7</sub>**  
CAS Number: 4472-41-7  
Specifications & Purity:  $\geq 99.5$  atom% D, contains 0.03% (v/v) TMS  
Lot #: B2519454  
SKU #: **N432729**  
Version: **1**  
Analysis #: **423859**

Parameter	Limit Values	Result
Gravimetric Analysis(TMS)	0.029-0.031 (%)	0.03000 %
Water by Karl Fischer	0-0.05 (%)	0.02 %
Isotopic purity (Atom % D)	99.5-100 (%)	99.82 %
Purity(GC)	99-100 (%)	99.80 %
Appearance(N432729)	Colorless Clear Liquid Solution	Colorless clear liquid solution
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager