

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-15 06:37:55  
Date of Next Testing: 2027-04-14 06:37:55  
Product Name: **N,N-Dimethylformamide Dipropyl Acetal [for Esterification]**  
CAS Number: 6006-65-1  
Specifications & Purity: 97%  
Lot #: D2311954  
SKU #: **N159853**  
**Analysis:** **190690**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.4070-1.4120	1.41
Purity(GC)	97-100 (%)	97.38 %
NMR Spectrum 1H	conforms to structure	Conforms to Structure
Appearance(N159853)	Colorless to Light yellow clear liquid	Colorless to Light yellow clear liquid



John Su  
QA & QC Manager