

CERTIFICATE OF ANALYSIS

PRODUCT NAME: N-N-Dimethylacetamide, for HPLC, $\geq 99.8\%$ (GC)

ITEM NUMBER: D108095
BRAND: Aladdin
CAS NUMBER: 127-19-5
MDL NUMBER: MFCD00008686
FORMULA: C₄H₉NO
MOLECULAR WEIGHT: 87.12

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Colorless liquid		
Evaporation residue	0 %	0.001 %	0.001 %
Infrared spectrum	Conforms to Structure		
Proton NMR spectrum	Conforms to Structure		
Purity(GC)	99.8 %	100 %	100 %
Specific gravity (20/20 ° C)	0.941	0.944	0.944
UV Absorbance 270nm	0	1	1
UV Absorbance 280nm	0	0.3	0.3
UV Absorbance 290nm	0	0.15	0.15
UV Absorbance 310nm	0	0.05	0.05
UV Absorbance 320nm	0	0.03	0.03
UV Absorbance 360nm	0	0.01	0.01
UV Absorbance 400 nm	0	0.01	0.01
Water by Karl Fischer	0 %	0.03 %	0.03 %