



1000 TEDIA WAY
FAIRFIELD, OHIO, 45014, USA
SALES@TEDIA.COM

SPECIFICATIONS

Name: N,N-Dimethylformamide
Catalog No: DS1451
Grade: HPLC/Spectro

Test Name

Limits

Description

Clear colorless liquid free of suspended matter

Passes Test

Assay (by GC-FID)

(Corrected for Water)

Min 99.90 %

Color

Max 10 APHA

Identification by

IR Spectroscopy

Passes Test

Residue after Evaporation

Max 5 mg/L

Nonvolatile Residue

Max 0.0005 %

Titration Acid

Max 0.0005 meq/g

Acidity

Max 0.0005 meq/g

Alkalinity

Max 0.0002 meq/g

Titration Base

Max 0.003 meq/g

Water

(by KF coulometry)

Max 0.02 %

Optical Absorbance at

268 nm

Max 1.000 AU

270 nm

Max 1.00 AU

275 nm

Max 0.300 AU

290 nm

Max 0.096 AU

295 nm

Max 0.10 AU

300 nm

Max 0.045 AU

310 nm

Max 0.03 AU

330 nm

Max 0.008 AU

340 nm

Max 0.01 AU

350 nm

Max 0.005 AU

400 nm

Max 0.005 AU

Transmittance at

270 nm

Min 10.0 %

275 nm

Min 50.0 %

290 nm

Min 80.0 %

300 nm

Min 90.0 %

330 nm

Min 98.0 %

This product is manufactured by Tedia Company, LLC certified to ISO 9001:2015 (Quality Management System) by PJR.