

## PRODUCT SPECIFICATION

Product Description	Dimethylformamide
Grade	HPLC
Product Code	DMF010-2.5, DMF010-4.0
Synonyms	N,N-Dimethylformamide, N,N-Dimethylmethanamide
Molecular Formula	C <sub>3</sub> H <sub>7</sub> NO
CAS Number	68-12-2

Test	Test Method	Specification	Unit
Purity Assay (GC)	LQP-22-SOP-T006	≥ 99.8	%
Water Content	ASTM E1064	≤ 0.05	%
Acidity	LQP-22-SOP-T001	≤ 0.0005	meq/g
Alkalinity	LQP-22-SOP-T007	≤ 0.0030	meq/g
Non-Volatile Matter	LQP-22-SOP-T004	≤ 0.5	mg/100mL
Density (at 20°C)	ASTM D4052	0.947 – 0.951	g/cm <sup>3</sup>
UV Absorbance	LQP-22-SOP-T005		
275 nm		≤ 0.300	a.u.
300 nm		≤ 0.050	a.u.
350 nm		≤ 0.005	a.u.
400 nm		≤ 0.005	a.u.
Appearance	LQP-22-SOP-M001	Clear	-

Notes: 1) Product filtered through a 0.2 micron filter.

Date 20/1/2021  
Revision R3