

CERTIFICATE OF ANALYSIS (COA)

PRODUCT NAME

Dimethylformamide (DMF)
Industrial Grade

LOT / BATCH NUMBER

CHE-2511-15-DMF

MANUFACTURING DATE

NOV 2025

EXPIRATION / RETEST DATE

NOV 2027

Manufacturer	CHEMANOL	Country of Origin	SAUDI ARABIA
Address	RAIL BAZAR NEAR CHEMA MEDICAL STORE, CITY HAFIZABAD - PAKISTAN Distributor: Alkemist Pakistan +923152372222		

ANALYTICAL RESULTS

Test Parameter	Method	Specification	Result	Status
Appearance	Visual	Clear, colorless liquid	Clear	PASS
Purity (Assay)	GC	≥ 99.9%	99.95%	PASS
Water Content	Karl Fischer	≤ 0.05%	0.01%	PASS
Color (Pt-Co)	ASTM D1209	≤ 10	5	PASS
Acidity (as Formic Acid)	Titration	≤ 0.001% (10 ppm)	0.0005%	PASS
Methanol	GC	≤ 50 ppm	< 10 ppm	PASS
Conductivity @ 25°C	Conductometer	≤ 2.0 µS/cm	0.8 µS/cm	PASS
pH (20% aq. sol)	pH Meter	6.5 – 8.0	7.1	PASS

Conclusion: This material meets the specifications for Dimethylformamide (DMF) Industrial Grade.

M. Adeel

Quality Control Manager

Date: NOV 2025

Dr. A. Rahman

Lab Director / Approved By

Date: NOV 2025

This Certificate of Analysis was created electronically and is valid without a handwritten signature. The values presented are based on analysis of the specific batch mentioned above. Handling of this product should be in accordance with the Safety Data Sheet (SDS).

