

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by INTERTEK SAI Global  
Certificate Number. QMS42099

Catalogue Number	D/3846
Lot Number	2537797
Description	Dimethylformamide HPLC Solvent For analysis
CAS Number	68-12-2
Quality Test/Release Date	30/May/2025
Expiry Phrase	Use within 5 years of opening
Country of Origin	Saudi Arabia

Result Name	Units	Specifications	Test Value
Absorbance @ 270 nm	A.U.	<= 0.5	1.092
Absorbance @ 280 nm	A.U.	<= 0.15	0.074
Absorbance @ 300 nm	A.U.	<= 0.05	0.006
Absorbance @ 320 nm	A.U.	<= 0.02	0
Absorbance @ 340 nm	A.U.	<= 0.015	0
Absorbance @ 350 nm	A.U.	<= 0.005	0
Acidity/alkalinity (meq/g)	meq/g	<= 0.001	0.00005
Assay (GC)	%	>= 99.5	99.96
Chemical form		Mobile liquid	Mobile liquid
Residue after evaporation (ppm)	ppm	<= 10	None Detected
Visual colour		Clear colourless	Clear colourless
Water	%	<= 0.05	0.019

**Additional Information** Filtered to 0.2 micron



Ashok Ganatra  
Supervisor, QC

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research use or further manufacturing. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.