

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 22208
Lot Number 2177564
Description 1-Methyl-2-Pyrrolidinone
CAS Number 872-50-4
Quality Test/Release Date 19/Apr/2021
Expiry Phrase Use within 3 years of opening
Country of Origin India

Result Name	Units	Specifications	Test Value
Absorbance @ 262 nm	A.U.	<= 1	1.055
Absorbance @ 270 nm	A.U.	<= 0.55	0.51
Absorbance @ 300 nm	A.U.	<= 0.1	0.182
Absorbance @ 320 nm	A.U.	<= 0.04	0.062
Absorbance @ 340 nm	A.U.	<= 0.01	0.06
Assay (GC)	%	>= 99	99.86
Chemical form		Mobile liquid	Mobile liquid
Colour	APHA	<= 50	<5
Visual colour		Clear colourless	Clear colourless
Water	%	<= 0.05	0.015

A. Ganatra

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.