ISO 9001: 2015

Carlo Erba Reagents S.A.S.
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Technical Specification

PRODUCT : N-Methyl-2-pyrrolidone EXPERT - Headspace chromatography

CODE : 462880

MOLECULAR WEIGHT : 99.13

CAS N° : 872-50-4

FORMULA : C5H9NO

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification	-	Positive
Density d20/4	-	1.027 - 1.033
Refractive index at 20°C	-	1.469 - 1.471
Water (K.F.)	%	<= 0.1
Assay (GC)	%	>= 99.8
UV cut off	nm	<= 269
UV Transmittance	-	-
at 285 nm	%	>= 30
at 300 nm	%	>= 55
at 320 nm	%	>= 78
from 350 nm	%	>= 97
GC/HS	-	-
Residual solvent of class 1(acc. to ICH)	µg/g	<= 1
Residual solvent of class 2(acc. to ICH)	µg/g	<= 10
Residual solvent of class 3(acc. to ICH)	µg/g	<= 50

Suitable as solvent for the analysis of residual solvents of ICH classes 1,2 and 3 according to Ph Eur and USP.

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application. CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of inappropriate use.

Date: 19/10/2026

Approved electronically, valid without a signature

QUALITY LABORATORY
TECHNICIAN
Emeline MELANDRI

PEYPIN