



N, P FINE CO., LTD.

NO.2010, 195, BAENGMA-RO, ILSANDONG-GU, GOYANG-SI, GYEONGGI-DO, 10403, KOREA
TEL : 82-31-924-1516~7, FAX : 82-31-924-1518

CERTIFICATE OF ANALYSIS

DATE : 2022-05-10

TO WHOM IT MAY CONCERN,

PRODUCT : N-METHYL 2 PYRROLIDONE
PACKING : 200KG/DRUM
QUANTITY : 16.0 MT
COUNTRY OF ORIGIN : SOUTH KOREA
HS CODE : 29337910

BATCH NO. : 2204213
MANUFACTURING DATE : 2022-04-21
EXPIRY DATE : 2024-04-20

INVOICE NO. : NP20220425
L/C NO. : DC BOM320808
L/C DATE : 2022-05-02

MOLECULAR FORMULA	C 5 H 9 N O
MOLECULAR WEIGHT	99.13
HS CODE	29337910
CAS No,	872-50-4

ANALYSIS DATA

ITEM	STANDARD	RESULT
Appearance	Clear Liquid	Clear
Purity (%)	99.5	99.8
Water content (%)	0.05	0.01
Color	10	3
Density	1.031-1.033	1.032
Refractive Index (20°C; 589 nm)	Approx 1.470	1.470
Boiling Range (at 760 mm Hg)	202-203 °C	202 °C
Boiling Rage (at 10 mm Hg)	78-79 °C	78°C

We certify the above statement of quality to be true and correct.

N, P FINE CO., LTD.

President S. D. NOH

ISSUED BY MANUFACTURER AND BENEFICIARY : N, P FINE CO., LTD.