

KUMHO P&B CHEMICALS

TO WHOM IT MAY CONCERN

CERTIFICATE OF ANALYSIS

- * COMMODITY : METHYL ISO BUTYL KETONE (MIBK)
- * MANUFACTURING DATE : DEC 21,2023
- * MANUFACTURER'S NAME : KUMHO P&B CHEMICALS

TEST ITEM	UNIT	SPEC.	RESULTS	TEST METHOD
MIBK Purity	wt. %	Min 99.5	99.76	ASTM D3329
Water	wt. %	Max 0.1	0.02	ASTM D1364
COLOR	APHA	Max 10	5	ASTM D1209
Distillation Test	-			ASTM D1078
IBP	°C	Min 114.0	115.7	ASTM D1078
DP	°C	Max 117.0	116.2	ASTM D1078
ACIDITY(AS ACETIC ACID)	wt. %	Max 0.002	0.001	ASTM D1613
Density at 20 °C	g/ml	0.799 ~ 0.802	0.8	ASTM D4052

OFFICE ADDRESS :

8F, East Wing, Signature Tower #100, Cheonggyecheon-ro, Jung-gu, Seoul 100-230, Korea

FACTORY ADDRESS :

PLANT(1) : 218, Yeosusandan 2-ro, Yeosu-si, Jeollanam-do, Korea

PLANT(2) : 46-53, Yeosusandan 2-ro, Yeosu-si, Jeollanam-do, Korea

I CERTIFY THAT THE ABOVE STATEMENTS ARE TRUE AND CORRECT.

YOURS FAITHFULLY,



H. J. KIM

MANAGER OF QUALITY MANAGEMENT TEAM

KUMHO P&B CHEMICALS

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