



LINYI KEMELE CO., LTD

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Certificate of Analysis

Issue Date: 2024-10-8

Production Name: Mono Ethylene Glycol

Batch No.: KE-EG20221008

Production Date: Oct. 8,2024

Expiry Date: Oct. 7,2025

Test & Result		
Test Description	Specifications	Test Result
Appearance	Colorless and transparent liquid	Colorless and transparent liquid
Ethylene glycol	≥ 99.8	99.91
Density (at 20°C)	1.1128-1.11380	1.113
Color (pt-co)	≤ 5	2
Initial boiling point, °C	≥ 196	196.3
End boiling point, °C	≤ 199	196.9
Water (weight,%)	≤ 0.1	0.02
Acidity (acetic acid, weight, %)	≤ 0.001	0
Iron (weight, %)	≤ 0.00001	Not detected
Ash content(weight, %)	≤ 0.001	Not detected
Diethylene glycol(weight, %)	≤ 0.1	<0.001
Aldehyde content ((formaldehyde , weight, %)	≤ 0.0008	0.0001
Uv transmittance,% (220nm $\geq$)	≥ 75	80.4
Uv transmittance,% (275nm $\geq$)	≥ 92	94.8
Uv transmittance,% (350nm $\geq$)	≥ 99	100

End of Test Data

STANDARD: GB/T4649-2018

For Further Questions, Please Contact KEMELE:

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