

# CERTIFICATE OF ANALYSIS

TO WHOM IT MAY CONCERN:

DATE: JUNE.24, 2024

COMMODITY: MONOETHANOLAMINE

BATCH NO: 2024-06-17-1

MFG DATE: 2024.06.12

EXP DATE: 2025.06.11

INSPECTION ITEMS	UNIT	QUALITY INDICATORS	TEST RESULT	TESTING METHODS
APPEARANCE	/	Transparent colorless to light yellow viscous liquid, without suspended solids	Transparent colorless to light yellow viscous liquid, without suspended solids	Visual
Monoethanolamine	%(m/m)	$\geq 99.50$	99.80	Q/3207 LPC 701-2023
Diethanolamine	%(m/m)	$\leq 0.20$	0.1018	Q/3207 LPC 701-2023
Distillation test(0°C,101325Pa),168~174°C Distillate volume	mL	$\geq 95$	99	GB/T 7534-2004
Water	%(m/m)	$\leq 0.30$	0.038	GB/T 6283-2008
Density (20°C )	g/cm <sup>3</sup>	1.014~1.019	1.0156	GB/T 2013-2010
Colour	(Pt-Co)/Scale	$\leq 10$	5	GB/T 3143-1982