



## Certificate of Analysis

Product name	: Diethanolamine (DEA)	Sale order no.	:
Batch no	: DEAA220526	Delivery no.	:
Quantity(KG)	:	Customer Po.No.	:
Manufacturing date	: 26.05.2022	Sampling date	: 04.06.2022
Delivery date	:	Sampling point	: EG2-Q3015
Issue date	:	Expiry date	: 25.05.2024

Test item	Test Method	Unit	Specification	Result
Diethanolamine	ST-35.213-00	%wt	99.00 Min	99.57
Monoethanolamine	ST-35.213-00	%wt	0.50 Max	< 0.01
Triethanolamine	ST-35.213-00	%wt	0.50 Max	0.24
Water Content	ASTM E203	%wt	0.150 Max	0.020
Colour Pt-Co units	ASTM D5386	mgPt/L	15.00 Max	4.00
Equivalent Weight	ST-5.5	g/EQUI	104.00 - 106.00	105.30

SAMPLE ONLY

On Spec  Off Spec

Approved by :

Wiroth S.

MR. WIROT SARAY  
(For Laboratory Supervisor)

Date: June 06, 2022

QA :

PUNNEENUCH AMARARONG  
(Plant Operation Manager)

Date: June 06, 2022