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Certificate of Analysis

Product name	: Di Ethylene Glycol (DEG) Truck	Delivery no.	:
Batch no	: DEGB220612	Customer Po.No.	:
Quantity(Unit)	:	Sampling date	: 07.07.2022
Manufacturing date	: 12.06.2022	Sampling point	: EG1-SC25201E-B
Issue date	: ..	Expiry date	: 11.06.2024
Customer name	:		
Sale order no.	:		

Test item	Test Method	Unit	Specification	Result
Appearance	Visual Inspection	-	Clear,Colorless	Passed
Suspended Matter	Visual Inspection	-	None	Passed
Specific Gravity @ 20/20oC	ASTM D4052-2015	-	1.1175 - 1.1195	1.1183
DEG Content	By Difference	%wt	99.80 Min	99.97
MEG Content	Based on ASTM E2409	%wt	0.05 Max	0.01
TEG Content	Based on ASTM E2409	%wt	0.05 Max	0.01
Water Content	ASTM E1064	%wt	0.100 Max	0.002
Distillation@760mmHg IBP to DP	ASTM D1078	°C	242.0 - 250.0	244.0
Colour Pt-Co units Before Heating	ASTM D5386	mgPt/L	10.0 Max	3.0
Acidity as Acetic acid	ASTM D1613	ppmwt	50.0 Max	7.7
Iron	ASTM E394	ppmwt	0.10 Max	0.01
Ash Content	ASTM D482	ppmwt	50.0 Max	< 10.0

Remark : Reported results are as-received sample.

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*In this certificate means the method is based on standard method as has shown in the line.

On Spec

Off Spec

Approved by :

Ketsarin I.

MISS KETSARIN IAMRUM
(For Laboratory Supervisor)

Date: July 08 , 2022

QA :

สุวิมล นงส์รัตน์

(Plant Operation Manager)

Date: July 08 , 2022

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