

CERTIFICATE OF ANALYSIS

Mono Ethylene Glycol - Polyester 235 KG STEEL DRUM

Carrier/Vehicle ID	: EGHU 3599934	Material ID	: 72000176
Customer P.O. No.	: QTN-0000025857-2	Customer No.	: 8010000329
Sales Order No.	: 100296818	Batch No.	: 32202H
Delivery Qty	: 54.000	Delivery No.	: 500527745
Delivery Unit	: DR	Inspection Dt.	: 19 JUL 2019

NOTE: THE TEST CHARACTERISTICS AND THEIR UNITS, TOLERANCES AND RESULTS LISTED BELOW WILL VARY DEPENDING ON THE BUSINESS, CUSTOMER & MATERIAL REQUIREMENTS.

Test Characteristics	Results	Unit	Tolerance Limits	Method
MONOETHYLENE GLYCOL	100.0	WTP	99.9 - 100.0	ASTM E2409-13
ACIDITY AS ACETIC ACID	0.0010	WTP	0.0000 - 0.0020	ASTM D1613-17
TRANSMITTANCE 220NM	94.1	%T	80.0 - 100.0	ASTM E2193-16 Option B, 10mm Cell
TRANSMITTANCE 250NM	98.8	%T	90.0 - 100.0	ASTM E2193-16 Option B, 10mm Cell
TRANSMITTANCE 275NM	99.8	%T	94.0 - 100.0	ASTM E2193-16 Option B, 10mm Cell
TRANSMITTANCE 350NM	100.0	%T	98.0 - 100.0	ASTM E2193-16 Option B, 10mm Cell
DIETHYLENE GLYCOL	0.02	WTP	0.00 - 0.04	ASTM E2409-13
WATER	0.03	WTP	0.00 - 0.04	ASTM E1064-16
COLOR	2	PTCO	0 - 5	ASTM D5386-16
APPEARANCE	PASS:Clear	-	-	ASTM E2680-09

This product meets the Product Sales Specification. This result is based on the sample being tested.

This is a computer generated document. No signature is required.

PETRONAS CHEMICALS MARKETING (LABUAN) LTD (LL08320)

GST Registration Number: 002110029824

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