

# CERTIFICATE OF ANALYSIS

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## MONOETHANOLAMINE BULK

Carrier/Vehicle ID	:		Material ID	:	72000155
Customer P.O. No.	:	KOR150036	Customer No.	:	8010005108
Sales Order No.	:	100133365	Batch No.	:	500200040
Delivery Qty	:	381.072	Delivery No.	:	500200040
Delivery Unit	:	MT	Inspection Dt.	:	21 JUL 2015

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
MONOETHANOLAMINE	99.6	WTP	99.5 - 100.0	1B-17A-0.1
DIETHANOLAMINE	0.0	WTP	0.0 - 0.2	1B-17A-0.1
WATER	0.2	WTP	0.0 - 0.3	1B-17A-0.2
COLOR	2	PTCO	0 - 15	1B-17A-0
APPEARANCE	PASS:Clear	-	-	1B-17A-0

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

Marketed by: CHEMICALS MARKETING SDN. BHD.(80474 V)  
GST Registration Number: 001455620096  
Level 15, Tower 1, PETRONAS Twin Towers, Kuala Lumpur City Centre, 50088 Kuala Lumpur, Malaysia.

Manufactured by: CHEMICALS DERIVATIVES SDN. BHD.(466586D)