

 DOW CHEMICAL PACIFIC LIMITED	HANGZHOU HUARUN INDUSTRYCO., LTD A-1301, HUAHONG MANSION, NO. 238 310013 HANGZHOU CHINA Ship From: SAINT GABRIEL 0001 Whse SAINT GABRIEL United States
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Certificate of Analysis		Customer Information	
Product Number	00000171424	Customer Name	HANGZHOU HUARUN INDUSTRYCO.,
Product Name		Customer PO number	HR20160412-1
Triethanolamine 99%			
Delivery No.	807717826 / 000010	Container ID	GESU1446645
Order Number	104936965	Specification Number	000000085682
Shipment No.	27424795		

Batch Number	D673G4PMD3
Manufacturing Date	2016-04-26 (YYYY-MM-DD)

Test	Unit	Lower Limit	Upper Limit	Value	Method
Triethanolamine	WT%	99.00	-	99.40	DOWM 102349
Monoethanolamine	WT%	-	0.10	0.00	DOWM 102349
Diethanolamine	WT%	-	0.50	0.42	DOWM 102349
Water	WT%	-	0.2	0.0	ASTM E203
Iron	ppm wt	-	10.0	0.0	1B-17A-0.4
Color, Pt-Co	-	-	40	10	ASTM D5386
Appearance	-	-	-	Pass	DOWM 101967

The following properties are not determined on shipment samples.
 Typical values are: Specific gravity at 20/20 C: 1.1240 - 1.1270 by method 1B-17A-0;
 Equivalent weight: 148 - 150 by method 1B-17A-0.3

Quality Coordinator

For inquiries please contact Customer Service or local sales

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