
 DOW CHEMICAL PACIFIC (SINGAPORE) PRIVATE LIMITED		Ship From: Yusen Laem Chabang Sub Mft Chonburi Thailand			
Certificate of Analysis Product Number 00000128261 Product Name Dipropylene Glycol LO+ Delivery No. 821747203 / 000010 Order Number 112878176 Shipping Units 36.000 DR Shipment No. 39463387			Customer Information Container ID SEGU1516670 Specification Number 000000021608		
Batch Number C815L7MASA Expiration Date Manufacturing Date 2021-07-22 (YYYY-MM-DD) Quantity 36.000 DR Net Weight 7740.000 KG Manufacturing Plant MTP AIE PG					
Test	Unit	Lower Limit	Upper Limit	Value	Method
Assay calculated	WT%	99.50	-	99.96	DOWM 100761
Acidity as acetic acid	WT%	-	0.0010	0.0001	DOWM 101370
Appearance clear/matter free	-	-	-	Pass	Visual
Chlorides	ppm	-	1	< 1	DOWM 101867
Color, Pt-Co	-	-	10	2	ASTM D5386
M Iron	ppm	-	0.100	< 0.005	ASTM E394
Odor characteristic, slight	-	-	-	Pass	Olfactory
Propylene Glycol	%	-	0.20	0.00	DOWM 100761
Tripropylene Glycol	%	-	0.50	0.03	DOWM 100761
Water Content	WT%	-	0.100	0.002	ASTM E1064
D DPG Isomer #1	%	27	43	38	DOWM 101518
D DPG Isomers #2 + #3	%	42	56	49	DOWM 101518
D DPG Isomer #4	%	5	10	6	DOWM 101518
D DPG Isomer #5	%	3	14	7	DOWM 101518
D Residue on Ignition	WT%	-	0.0050	0.0000	ASTM D1119

D:Based on SQC
M:Quarterly Sample

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