



DOW EUROPE GMBH

RUSKHIMSET ZAO
 21 ARBAT NOV, UL.
 OF 1806
 119019 MOSCOW
 RUSSIAN FEDERATION
 Ship From: Stade PO/BG
 STADE
 Germany

Certificate of Analysis

Customer Information

Product Number 00000062743
 Product Name
 Propylene Glycol Industrial Grade
 Delivery No. 811926041 / 000010
 Order Number 107529834
 Date Shipped 2018-01-22 (YYYY-MM-DD)
 Shipment No. 31229916

Customer Name RUSKHIMSET ZAO
 Customer PO number App #166
 Container ID RFCU820578-5
 Vehicle# HH WE 362
 Specification Number 000000070511

Batch Number F820I1MP21
 Manufacturing Date 2018-01-22 (YYYY-MM-DD)
 Quantity 22.020 MT
 Net Weight 22020.000 KG
 Packaging Information BULK

Test	Unit	Lower Limit	Upper Limit	Value	Method
Assay calculated	WT%	99,50	-	99,94	DOWM 100687
Acidity as acetic acid	%	-	0,0020	0,0002	DOWM 101370
Appearance clear, free of suspended matter	-	-	-	Pass	Visual
Chlorides	ppm	-	1,0	< 0,5	DOWM 101867
Color, Pt-Co	-	-	10	2	ASTM D5386
Water Content	WT%	-	0,200	0,001	ASTM E1064
Iron	ppm	-	0,50	0,03	ASTM E394

Typical Properties: The values listed are considered physical properties and are not analyzed on a routine basis.

Specific Gravity @20/20C 1.0375-1.0390
 Specific Gravity @25/25C 1.0352-1.0365

The product is not intended for use in pharmaceutical, food (including animal feed), or cosmetic type applications.

For inquiries please contact Customer Service or local sales

©™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow