

 <p>DOW CHEMICAL KOREA LTD HONG KONG BRANCH</p>						
<p align="center">Certificate of Analysis</p>			<p align="center">Customer Information</p>			
Product Number	00011038421	Customer Name	CHEMTRONICS CO.,LTD.			
Product Name	Propylene Glycol Industrial Grade	Customer PO number	75129			
Delivery No.	816666783 / 000010	Specification Number	00000070511			
Order Number	150667006					
Date Shipped	2019-09-04 (YYYY-MM-DD)					
Shipment No.	35247678					
<p>Dow Chemical Korea Ltd (Incorporated in Republic of Korea as a Joint-stock Company with Limited Liability)</p>						
Batch Number	C815J7Q032					
Manufacturing Date	2019-07-26 (YYYY-MM-DD)					
Quantity	25000.000 KG					
Net Weight	25000.000 KG					
Packaging Information	BULK					
Test	Unit	Lower Limit	Upper Limit	Value	Method	
Assay calculated	WT%	99.50	-	100.00	DOWM 100687	
Acidity as acetic acid	%	-	0.0020	0.0001	DOWM 101370	
Appearance clear, free of suspended matter	-	-	-	Pass	Visual	
Chlorides	ppm	-	1.0	< 0.5	DOWM 101867	
Color, Pt-Co	-	-	10	3	ASTM D5386	
Water Content	WT%	-	0.200	0.022	ASTM E1064	
Iron	ppm	-	0.50	< 0.01	ASTM E394	
<p>Typical Properties: The values listed are considered physical properties and are not analyzed on a routine basis.</p> <p>Specific Gravity @20/20C 1.0375-1.0390 Specific Gravity @25/25C 1.0352-1.0365</p> <p>The product is not intended for use in pharmaceutical, food (including animal feed), or cosmetic type applications.</p> <p>For inquiries please contact Customer Service or local sales</p> <p>® Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow</p>						