

SHAZAND PETROCHEMICAL Co.
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شرکت پتروشیمی شازند
SHAZAND PETROCHEMICAL Co.



CERTIFICATE OF ANALYSIS

DATE:	16 JULY 2024	CONTRACT:	SACHPD/0008/2024
MATERIAL:	MONOETHYLENE GLYCOL	INVOICE:	INV-004962
BATCH NO.:	4034702	TOLERANCE:	+/- 10%
MANUFACTURE DATE:	15 JULY 2024	NET WEIGHT:	140,000.00KGS
EXPIRY DATE:	14 JULY 2025	GROSS WEIGHT:	156,080.00KGS
IUPAC:	Ethane-1,2-diol	PACKING:	04 CONTAINERS
CAS NO.:	107-21-1		

PARAMETERS & ACCEPTANCE CRITERIA

Properties	Unit	Spec.	Test Method	Result
Purity	WT. %	99.8 min.	ASTM E – 202	99.92
Diethylene Glycol	WT. %	0.08 max.	ASTM E – 202	<0.03
Water Content	WT. %	0.08 max.	ASTM E – 202	0.01
Colour	Pt - Co	5 max.	ASTM D – 1209	<2
Ash	gr/100ml	0.005 max.	DC – 254A	<0.001
Sp. Gr.@(20/20 °C)	-	1.1151 - 1.1156	ASTM D – 891	1.1154
Acidity as acetic acid	WT. PPM	10 max.	ASTM D – 1613	<3
Chlorides	WT. PPM	0.1 max.	EO - 635	<0.1
Iron (Fe)	WT. PPM	0.1 max.	ASTM E – 202	<0.1
Aldehyde as acetaldehyde	WT. PPM	10 max.	DC – 163C	<4
UV transmittance:				
at 220mm	T %	70 min.	EO –577A	87
at 275mm	T %	95 min.	EO –577A	98
at 350mm	T %	99 min.	EO –577A	100



Shazand Petrochemical Company (Private Joint Stock)

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