

Certificate of Analysis

Commodity Name: PROPYLENE GLYCOL HIGH GRADE

Invoice No.: 160121-AR-3863

Date: Mar 3, 2016

Batch No.: BN-1A1602040

Batch Size: 18 MTS

Manufacturing Date: 2016/02

Expiry Date: 2018/02

INDEX	STANDARD	TEST RESULT
PG content	99.50% Min.	99.95%
Moisture	0.2% Max	0.02%
Relative Density(20C)	1.035-1.038g./cm ³	1.038
Index of refraction	1.431-1.435nD ²⁰ .	1.432
Acidity	0.01% max	0.002%
Distillation range(IBP-DP)	184-190°C	186-188
Colourity(Pt-Co)	10	5
Appearance	Colorless, viscous and transparent liquid	Colorless, viscous and transparent liquid