



Certificate No. : 01/COA/LAB/II/15

Date February 13th 2015

CERTIFICATE OF ANALYSIS

Product Name : Alcohol Absolute 99 %
Batch No. : BO1BXV
Quantity : 40 Drum @ 200 Liter
 Nett Weight 8000 Liter
Production Date : December, 2014
Delivery Date : February, 15⁶ 2014

PARAMETER	UNIT	LIMIT	RESULT	TEST METHOD
Appearance	-	Clear, Liquid	Clear Liquid	Visual
Color	Pt-Co	Max. 10	5	ASTM D 1209
Ethanol Content	%	Min. 99.5	99.70	ASTM D 5501
Density (20°C)	g/cm ³	Max. 0.793	0.7885	Pycnometer
Methanol	mg/l	Max. 20	2.5	GC
Water Content	%	Max. 0.3	0.117	Karl Fischer
Acidity (as Acetic Acid)	mg/l	Max. 20	16	ASTM D 1613
Alkalinity (as NH ₃)	mg/l	Max. 10	Free	ASTM D 1614
Nonvolatile Matter	mg/l	Max. 10	8	ASTM D 1353

Conclusion : Conform with contract requirements.