

Certificate Of Analysis

October 31, 2013

Name: Ethyl Acetate
Catalog No: ES1512
Grade: HPLC/Spectro
Tedia Lot No. 13100434
Retest Date: October 24, 2016

This is to certify that this lot was tested and found to comply with the specifications for the product. The following are the actual analytical results obtained.

<u>Test Name</u>	<u>Limits</u>	<u>Actual</u>
Assay (by GC-FID)	Min 99.8 %	99.9 %
Color	Max 10 APHA	< 5 APHA
Residue after evaporation	Max 3 ppm	0.4 ppm
Substances darkened by Sulfuric acid	Passes Test	Passes
Titration acid	Max 0.0009 meq/g	0.0002 meq/g
Water (by KF coulometry)	Max 0.05 %	0.02 %
Optical absorbance at		
255 nm	Max 1.00 AU	0.56 AU
260 nm	Max 0.15 AU	0.10 AU
280 nm	Max 0.05 AU	0.01 AU
300 nm	Max 0.01 AU	0.01 AU
330 nm	Max 0.01 AU	0.001 AU
350 nm	Max 0.005 AU	< 0.001 AU

Sherwin M. Kane

Sherwin M Kane
Chemist

Tedia Company, Inc. certifies that this product was derived from synthetic raw materials and the manufacturing process excluded contamination with any animal products.