## GFS Chemicals, Inc. Columbus, Ohio 43223

## LOT ANALYSIS

## ITEM: 2488 ETHYL ACETATE, HPLC

| Test   | PASS/FAIL | NUMERICAL RESULT |
|--|-----------|------------------|
| Assay 99.5% min.                                 | PASS      | 99.8%            |
| Optical absorbance @ 255 nm 1.00                 | PASS      | 0.561            |
| Optical absorbance @ 257 nm 0.50                 | PASS      | 0.290            |
| Optical absorbance @ 263 nm 0.10                 | PASS      | 0.037            |
| Optical absorbance @ 275 nm 0.05                 | PASS      | 0.003            |
| Optical absorbance 330-400 nm 0.01               | PASS      | 0.000            |
| Residue after evaporation 0.001%                 | PASS      | <0.001%          |
| Titrable acid 0.0009 meq/g                       | PASS      | <0.0009          |
| Color (APHA) 10 max                              | PASS      | <10              |
| Water 0.05%                                      | PASS      | 0.003%           |
| Substances darkened by sulfuric acid - pass test | PASS      | Passes           |

TRACEABLE TO N.I.S.T. (Y/N)? N Comment: Reported by: Daniel Ewald Quality Assured to Retest Point: 60 months from shipment C/A Print Date: 12/22/2015

QC Supervisor: Jen E Bodine

Not for direct use in food, cosmetics, finished pharmaceuticals or drug products. Supplier is not responsible for compliance with FDA Current Good Manufacturing Practice (CGMP) requirements, including without limitation those for finished drug products in 21 C.F.R Parts 210 and 211. Consult warranty limitations at www.gfschemicals.com/statics/documents/aboutus/termsandconditions.html For resale by GFS authorized distributors only.

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## LOT#:C142971