



## Certificate of Analysis

### Acetic Acid 50% Solution

### PharmaPUR™

### GMP Manufactured Product

| <u>Property</u>      | <u>Specifications</u>                               | <u>Analysis</u> |     |
|----------------------|---|-----------------|-----|
| Appearance           | Clear, colorless liquid; free from suspended matter | Pass            |     |
| Assay (w/w)          | 49.5-50.5%  | 50.08           | %   |
| Sulfate              | Passes Test   | Pass            |     |
| Chloride             | 25 ppm maximum                                      | <25             | ppm |
| Non Volatile Residue | 1 mg/20ml maximum                                   | <1              | mg  |
| Heavy Metals         | 5 ppm maximum                                       | <5              | ppm |
| Iron                 | 5 ppm maximum                                       | <5              | ppm |
| Identification       | Passes Test   | Pass            |     |

Made from Purified Water, USP and Glacial Acetic Acid, USP; which also meets EP and JP specifications.

Lot Number 25241181701

By   
Amy Yencho

Laboratory Manager

Manufacture Date 04/28/2017  
Expiration Date 04/30/2019