



**SAFFIRE BLUE inc.**

Invoice

## Certificate of Analysis

**Product:**

**P-50SD™ Liquid**

**Product Description:**

A proprietary non-metallic, organic antimicrobial and antifungal compound. Complies with Federal and FDA Regulations 21 CFR 182.3013 and CFR 182.1540.

**Physical Properties**

**Chemical Description:**

Active Ingredients

Grapefruit Seed Extract (CAS # RN 90045-43-5)	43.00%
Vitamin C (Ascorbic acid) (CAS # 50-81-7)	17.00%

Inert Ingredients

Glycerine USP (CAS # 56-81-5)	38.71%
Dextrose (CAS # 50-99-7)	0.00%
Moisture	1.29%
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	100.00%

**Appearance**

Lemon yellow to golden brown, viscous liquid

**Gardner Color**

8

**Specific Gravity**

1.25

**pH (d25°)**

2.23

**Flash Point (°F)**

292

**Infrared IR**

Spectrum One Perkin/Elmer

**Karl Fischer**

Metrohm 870 KF Titrino Plus Processor

**Ascorbic Acid**

Mettler Toledo Easy Ox Titrator

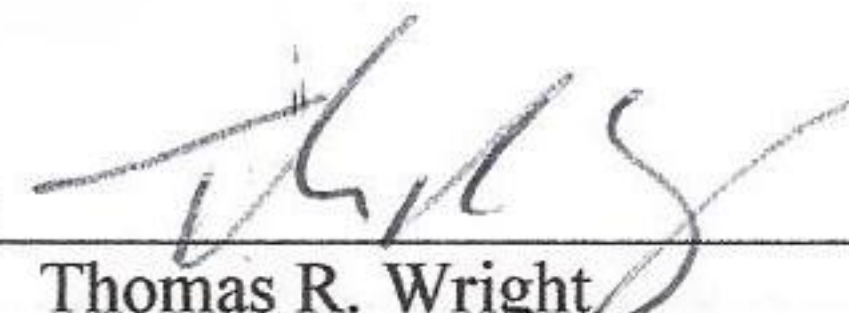
**Batch Date: 5/20/15**

**Shipping Date: 11/10/15**

**Batch # 0515-53**

**Shelf Life 7 – 9 years**

Authorized Signature: \_\_\_\_\_

  
Thomas R. Wright  
Senior Chemist

**Do NOT store in steel or metal containers. Store in plastic or glass containers only.**