

## Certificate of Analysis

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| SAFFIRE BLUE INC.<br>1444 BELL MILL SIDEROAD<br>TILLSONBURG ON N4G4G9<br>CANADA |                 |                   |
|---|-----------------|-------------------|
| OPTIPHEN PLUS PAIL 20L 1<br>Optiphen(TM) PLUS preservative                      |                 | Batch: 0001907369 |
| Characteristics   | Specification   | Results           |
| Appearance @ 25 deg. C - Clear to light yellow liquid                           | PASS            | PASS              |
| Color (APHA)  | <= 200          | 4                 |
| Spicific Graviiy @ 25°C   | 1.0140 - 1.0240 | 1.0155            |
| % Phenoxyethanol (GC, W1506)  | 50.5 - 54.5     | 52.7              |
| % 1,2 Octanediol (GC, W1506)  | 40.0 - 44.0     | 42.3              |
| Acid Value (W1413)  | 25.0 - 37.5     | 31.2              |
| Content phenol ppm  | <= 6            | 4                 |
| Date of Manufacture   |                 | July 16, 2015     |
| Retest Date   |                 | July 15, 2017     |
| Shipped Quantity  |                 | 7.000 PL          |

## Notes:

Mix before sampling and use to ensure homogeneity.

Material may solidify when stored below 25 deg C.

If material contains solids gently heat at 30 to 40 deg C and mix thoroughly before use.

Product might darken with age and/or exposure to light.

Printed: July 22, 2015

This COA was printed from a secure computer system ensuring the batch was properly released by the Quality Department and is valid without signature.