

Date Received: _____

Certificate of Analysis

Rev 0

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Catalog No.: 116152-01 **Lot No.:** 335601 **Storage:** ≤ -10 °C **Solvent:** Methanol **Exp. Date:** 2-Feb-2020 **Description:** Custom Semivolatle Mix, 2,000 mg/L, 5 x 1 ml
-5PAK

| Compound | CAS No. | Purity (%) | Neat Material Lot No. | Concentration |
|----------------------------|----------|------------|-----------------------|--------------------|
| 4-chloro-3-methylphenol | 59-50-7 | 99.9 | 102.7.1P | 1993 ± 22.7 mg/l |
| 2-chlorophenol | 95-57-8 | 99.6 | 103.9.1P | 1981 ± 29.96 mg/l |
| 2,4-dichlorophenol | 120-83-2 | 99.5 | 104.1.2P | 1992 ± 30.12 mg/l |
| 2,6-dichlorophenol | 87-65-0 | 99.5 | 117.1.1P | 2007 ± 20.92 mg/l |
| 2,4-dimethylphenol | 105-67-9 | 99 | 105.9.1.1P | 1977 ± 24.51 mg/l |
| 2,4-dinitrophenol | 51-28-5 | 99.9 | 106.1.6DP | 2000 ± 22.78 mg/l |
| 2-methyl-4,6-dinitrophenol | 534-52-1 | 98 | 107.7.1DP | 1986 ± 30.03 mg/l |
| 2-methylphenol | 95-48-7 | 99.6 | 114.1.2P | 1992 ± 20.78 mg/l |
| 3-methylphenol | 108-39-4 | 99.5 | 115.7.2P | 984.1 ± 4.89 mg/l |
| 4-methylphenol | 106-44-5 | 99 | 116.1.3P | 992.2 ± 11.01 mg/l |
| 2-nitrophenol | 88-75-5 | 99.1 | 108.29.1P | 2037 ± 23.2 mg/l |
| 4-nitrophenol | 100-02-7 | 100 | 109.7.1P | 1962 ± 22.26 mg/l |
| pentachlorophenol | 87-86-5 | 99.9 | 110.1.6P | 1983 ± 29.99 mg/l |
| phenol | 108-95-2 | 99.9 | 112.9.5P | 1982 ± 22.57 mg/l |
| 2,3,4,6-Tetrachlorophenol | 58-90-2 | 92 | 120.286.1.2P | 2006 ± 20.85 mg/l |
| 2,4,5-trichlorophenol | 95-95-4 | 99.4 | 121.1.2.1P | 1988 ± 20.73 mg/l |



Certified By: _____

Shane Overcash
Manufacture Date 2-Feb-2018

Follow all storage requirements, keep tightly closed when not in use, and use good laboratory practices when handling.

This Reference Material was manufactured, produced, and/or certified under a quality management system that is accredited to ISO 17034 and ISO/IEC 17025.

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.

The stated uncertainty is the expanded uncertainty with a coverage factor of two to give a 95% confidence level.

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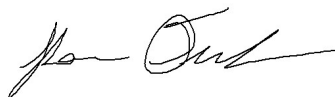
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Catalog No.: 116152-01-5PAK

Lot No.: 335601

Expiration Date: 2-Feb-2020

| <u>Compound</u> | <u>CAS No.</u> | <u>Purity (%)</u> | <u>Neat Material Lot No.</u> | <u>Concentration</u> |
|-----------------------|----------------|-------------------|------------------------------|----------------------|
| 2,4,6-trichlorophenol | 88-06-2 | 99.2 | 113.1.2P | 1993 ± 30.14 mg/l |



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