



Material No.: 4440-10 Batch No.: 23E0461031 Manufactured Date: 2023-02-16 Retest Date: 2028-02-15 Revision No.: 0

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

| Test | Specification | Result |
|--|------------------|-------------|
| Appearance (clear, colorless liquid) | Passes Test | Passes Test |
| ACS – Assay (CHCl3) (by GC) | ≥ 99.8 % | 100.0 % |
| ACS - Acetone, Aldehydes (as (CH3)2CO) | Passes Test | Passes Test |
| ACS - Acid and Chloride | Passes Test | Passes Test |
| ACS – Color (APHA) | ≤ 10 | < 5 |
| ACS – Free Chlorine | Passes Test | Passes Test |
| ACS – Lead (Pb) | ≤ 0.050 ppm | < 0.050 ppm |
| ACS - Residue after Evaporation | ≤ 0.001 % | < 0.001 % |
| ACS – Substances Darkened by H2SO4 | Passes Test | Passes Test |
| ACS - Suitability for Use in Dithizone Tests | Passes Test | Passes Test |

For Laboratory, Research, or Manufacturing Use

Country of Origin: USA Packaging Site: Paris Mfg Ctr & DC

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Jamie Ethier Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700 Avantor Performance Materials, LLC 100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700 Page 1 of 1