



Material No.: 4440-10 Batch No.: 22L1661030 Manufactured Date: 2022-11-17 Retest Date: 2027-11-16 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)	≥ <b>99.8</b> %	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	≤ <b>0.001</b> %	< 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