

Material No.: 2554-01
Batch No.: 24A1961026
Manufactured Date: 2023-07-11
Retest Date: 2030-07-09
Revision No.: 0

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
ACS - Specific Rotation $[\alpha]^{25}_{\text{D}}$ (+)	23.3 - 24.3 °	24.2 °
ACS - Insoluble Matter	≤ 0.01 %	< 0.01 %
ACS - Loss on Drying at 105°C	≤ 0.05 %	0.03 %
ACS - Residue after Ignition	≤ 0.01 %	0.01 %
ACS - Titrable Acid (meq/g)	≤ 0.0008	0.0003
ACS - Reducing Sugars	Passes Test	Passes Test
Trace Impurities - ACS - Heavy Metals (as Pb)	≤ 5 ppm	< 5 ppm

For Laboratory, Research, or Manufacturing Use

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



Michelle Bales
Sr. Manager, Quality Assurance

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