

Material No.: 8006-05
Batch No.: MBN106
Manufactured Date: 2022-11-23
Retest Date: 2027-11-23
Revision No.: 0

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
ACS – Assay (by volume)	≥ 99.9 %	≥ 99.9 %
ACS – Acetone, 2-Propanol	Passes test	Passes test
ACS – Color (APHA)	≤ 10	< 5
ACS – Methanol (CH ₃ OH)	≤ 0.1 %	≤ 0.1 %
ACS – Residue after Evaporation	≤ 0.001 %	≤ 0.001 %
Solubility In Water	Passes test	Passes test
Substances Darkened by H ₂ SO ₄	Passes test	Passes test
Substance Reducing KMnO ₄	Passes test	Passes test
ACS – Titrable Acid (meq/g)	≤ 0.0005	≤ 0.0005
ACS – Titrable Base (meq/g)	≤ 0.0002	≤ 0.0002
ACS – Water (H ₂ O)	≤ 0.2 %	< 0.1 %
Trace Impurities – Aluminum (Al)	≤ 0.50 ppm	≤ 0.50 ppm
Trace Impurities – Barium (Ba)	≤ 0.10 ppm	≤ 0.10 ppm
Trace Impurities – Boron (B)	≤ 0.02 ppm	≤ 0.02 ppm
Trace Impurities – Cadmium (Cd)	≤ 0.05 ppm	≤ 0.05 ppm
Trace Impurities – Calcium (Ca)	≤ 0.50 ppm	≤ 0.50 ppm
Trace Impurities – Chromium (Cr)	≤ 0.02 ppm	≤ 0.02 ppm
Trace Impurities – Cobalt (Co)	≤ 0.02 ppm	≤ 0.02 ppm
Trace Impurities – Copper (Cu)	≤ 0.10 ppm	≤ 0.10 ppm
Trace Impurities – Iron (Fe)	≤ 0.10 ppm	≤ 0.10 ppm
Trace Impurities – Lead (Pb)	≤ 0.10 ppm	≤ 0.10 ppm
Trace Impurities – Magnesium (Mg)	≤ 0.10 ppm	≤ 0.10 ppm
Trace Impurities – Manganese (Mn)	≤ 0.02 ppm	≤ 0.02 ppm
Trace Impurities – Nickel (Ni)	≤ 0.02 ppm	≤ 0.02 ppm
Trace Impurities – Tin (Sn)	≤ 0.10 ppm	≤ 0.10 ppm
Trace Impurities – Zinc (Zn)	≤ 0.10 ppm	≤ 0.10 ppm

Ethanol
BAKER ANALYZED® A.C.S. Reagent



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Test	Specification	Result
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For Laboratory, Research, or Manufacturing Use
Not for sale in the USA, Canada or Mexico. Inquire with Avantor Performance Materials Malaysia for purchase of this product.
Country of Origin: South Korea


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
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