Certificate of Analysis

Product Name:

FORMIC ACID, 88%, REAGENT (ACS)

Item #:

650

Lot #:

19280101



Certified Values:

Specifications (Max Limits or as Specified)	Status	Results
Assay 88.0 % - Min	Pass	90.2
Color (APHA) 15 Max	Pass	< 15
Dilution test	Pass	Passes Test
Residue after evaporation 0.002 % Max	Pass	0.001
Acetic acid (%) 0.4 % Max	Pass	< 0.4
Ammonium 0.005 % Max	Pass	< 0.005
Chloride 0.001 % Max	Pass	< 0.001
Sulfate 0.002 % Max	Pass	< 0.002
Sulfite	Pass	Passes Test
Heavy Metals (as Pb) 0.0005 % Max	Pass	< 0.0005
ron 0.0005 % Max	Pass	< 0.0005

Comments

CoA #:

COA-042042

Certificate Created By:

Karen Hirsch

CoA Creation Date:

July 30, 2019

Best by:

June 26, 2024

Print Date:

June 4, 2021

Not for direct use in food, cosmetics, finished pharmaceuticals or drug products. Supplier is not responsible for compliance with FDA Current Good Manufacturing Practice(cGMP) requirements, including without limitation those for finished drug products in 21 C.F.R Parts 210 and 211. Consult warranty limitations at www.gfschemicals.com/statics/documents/aboutus/termsandconditions.html

For resale by GFS authorized distributors only.

Signature on File

ISO 17025 Testing

All ISO 17025 testing is performed at GFS Chemicals, Inc. 800 Kaderly Dr, Columbus, OH 43228 USA UV/Vis Spectrophotometer testing is performed according to ASTM method E169-16. Turbidity testing is performed according to ASTM methods D6855-17 and ASTM D7315-17. Conductivity testing is performed according to ASTM method D1125-14. pH testing is performed according to ASTM method D1293-18. Karl Fischer titration testing is performed according to ASTM methods E203-16 and E1064-16.

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