

BASF CORPORATION



We create chemistry

Certificate of Analysis

Customer:	Product Number	: 50433096
BRENTAG SOUTHEAST INC	Product Name	: Formic acid 95%
2000 E PETTIGREW ST	Vehicle	: S473783
DURHAM NC 27703-4049	Batch/Lot	: GF1706202
Attention:	Manuf.Date	: Mar-03-2017
FAX:	Shipped Date	:
Cust Prod:	Shipped Quantity	: 44,780 LB
Cust Prod Name: Formic acid 95% bulk	Delivery Date	: Mar-03-2017
Cust P.O.: 692042	Order Number	: 115168863 000010
Cust P.O. Line: 1	Delivery Note	: 127657971 900001

Characteristic	Result	UOM	---Specification---		Test Method
			Minimum	Maximum	
Assay	95.1	Weight %	94.0	96.0	STI10800
Water	4.9	Weight %	4.0	6.0	STI10803
Color, APHA	4			50	STI 0415

Comments:

The following are typical values and test methods:

- * Description: Formic Acid is a colorless to yellowish liquid, with a pungent odor.
- * Acetic Acid - ≤ 50 ppm Gas Chromatography (GC)
- * Sulphate - ≤ 1 ppm Ion Chromatography (IC)
- * Chloride - ≤ 1 ppm Titrimetric
- * Iron - ≤ 1 ppm Inductively Coupled Plasma (ICP)
- * Other Heavy Metals - ≤ 1 ppm Inductively Coupled Plasma (ICP)
- * Non-volatile Residue - ≤ 10 ppm Gravimetric
- * Manufacturing site: BASF Geismar, LA

Lot#
217454017065001

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The information contained herein is based either on analytical tests of samples or on statistical process data; it is intended solely for purposes of comparison with the established specifications for the product. Warranties of the product are exclusively as set forth in the applicable contract documents.

THIS CERTIFICATE OF ANALYSIS HAS BEEN PRODUCED ELECTRONICALLY AND IS VALID WITHOUT A SIGNATURE.

IMPORTANT: All information provided is believed to be accurate and complete. The data provided is representative of the product quality on the date of analysis for the lot number indicated. This certificate of analysis may not include all of the constituents of the product. Persons using this information should make their own determination regarding its suitability for their particular application. This certificate of analysis shall not in any way limit or preclude the operation and effect of the applicable terms and conditions of sale.