

Date Received: \_\_\_\_\_

## Certificate of Analysis

Rev 0

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<b>Catalog No.:</b>	<b>Lot No.:</b>	<b>Storage:</b>	<b>Solvent:</b>	<b>Exp. Date:</b>	<b>Description:</b>
110649-05	335055	≤ -10 °C	Acetonitrile	4-Jun-2019	Custom Semi-Volatile Mix, 500 mg/L, 5 x 1.2 mL
-5PAK					

Compound	CAS No.	Purity (%)	Neat Material Lot No.	Concentration
butyl amine	109-73-9	99.5	3189.1.1P	493.6 ± 5.12 mg/L
cyclohexylamine	108-91-8	98.2	494.1.1P	495.8 ± 5.14 mg/L
dibutylamine	111-92-2	99.9	5054.7.1P	497.6 ± 5.16 mg/L
diethylamine	109-89-7	100	495.1.2P	496.1 ± 1.47 mg/L
dimethylamine	124-40-3	40	1755.1.1P	493.8 ± 5.05 mg/L
ethylamine	75-04-7	100	3188.1.2P	504.5 ± 10.51 mg/L
hexamethylenediamine	124-09-4	98	3785.1.1P	494.7 ± 1.37 mg/L
hexylamine	111-26-2	99.8	5085.1.1P	500.9 ± 5.19 mg/L
isobutylamine	78-81-9	99	5084.1.1P	495 ± 5.13 mg/L
isopropylamine	75-31-0	99	2881.29.1P	494 ± 2.82 mg/L
methylamine	74-89-5	40	2727.1.1P	509.7 ± 5.21 mg/L
monoethanolamine	141-43-5	99.8	1356.13.1P	494.2 ± 5.13 mg/L
Morpholine	110-91-8	98	1396.1.1P	495.7 ± 5.14 mg/L
propylamine	107-10-8	99.5	222.1.1P	499.4 ± 5.18 mg/L
tert-butylamine	75-64-9	98	4185.29.1P	499.5 ± 5.18 mg/L



Certified By: \_\_\_\_\_

Shane Overcash

Manufacture Date 9-Feb-2018

Follow all storage requirements, keep tightly closed when not in use, and use good laboratory practices when handling.  
 This Reference Material was manufactured, produced, and/or certified under a quality management system that is accredited to ISO 17034 and ISO/IEC 17025.

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.

The stated uncertainty is the expanded uncertainty with a coverage factor of two to give a 95% confidence level.

# Certificate of Analysis

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Catalog No.: 110649-05-5PAK

Lot No.: 335055

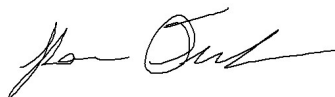
Expiration Date: 4-Jun-2019

Compound

CAS No.

Purity (%) Neat Material Lot No.

Concentration



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