

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

## Certificate of Analysis

Rev 1

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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>
114160-05	285294	≤ -10 °C	Methylene Chloride	29-Jul-2019	Custom Semi-Volatile Mix, 16-115, 100 mg/L, 4 x 1.2 ml
-4PAK					

Compound	CAS No.	Purity (%)	Neat Material Lot No.	Concentration
aniline	62-53-3	100	64.1.3P	99.6 ± 1.66 mg/L
m-anisidine	536-90-3	99.3	1431.1.1P	99.3 ± 1.66 mg/L
p-anisidine	104-94-9	99.3	1399.1.2P	101.7 ± 1.7 mg/L
1-chloro-3-nitrobenzene	121-73-3	99.7	946.7.1P	99.7 ± 1.34 mg/L
1-chloro-4-nitrobenzene	100-00-5	99.9	1428.9.2P	99.9 ± 1.67 mg/L
2,4-diaminotoluene	95-80-7	99.9	1762.115.3P	101.1 ± 1.69 mg/L
2,6-diaminotoluene	823-40-5	99.8	2466.7.1P	99.8 ± 1.67 mg/L
1,2-dinitrobenzene	528-29-0	99.8	86.1.3P	99.4 ± 1.33 mg/L
1,3-dinitrobenzene	99-65-0	96.5	313.1.1P	100.7 ± 1.68 mg/L
diphenylamine	122-39-4	99.8	78.1.5P	99.4 ± 1.33 mg/L
o-anisidine	90-04-0	99.6	1248.1.1P	100 ± 1.67 mg/L
nitrobenzene	98-95-3	99.9	94.29.2P	101.1 ± 1.35 mg/L
1-chloro-2-nitrobenzene	88-73-3	99.9	1427.9.1P	101.5 ± 1.69 mg/L
m-toluidine	108-44-1	99.7	486.1.1P	101.3 ± 1.69 mg/L
o-toluidine	95-53-4	99.9	84.7.1P	99.5 ± 1.66 mg/L
p-toluidine	106-49-0	100	487.1.1P	99.6 ± 1.66 mg/L

*Katelynn Hardee*

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

Katelynn Hardee

Manufacture Date 29-Jul-2016

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.: 114160-05-4PAK

Lot No.: 285294

Expiration Date: 29-Jul-2019

Compound

CAS No.

Purity (%) Neat Material Lot No.

Concentration

*Katelynn Hardee*

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

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