

Date Received: _____

Certificate of Analysis

Rev 0

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Catalog No.: 114098-04 **Lot No.:** 213160 **Storage:** ≤ -10 Degrees C **Solvent:** Methylene Chloride **Exp. Date:** 8-Aug-2015 **Description:** Custom Aromatic Amines Mix, 17-83, 10 mg/L, 5 x 1 ml
 -5PAK

Compound	CAS No.	Purity (%)	Neat Material Lot No.	Concentration
2-(trifluoromethyl)aniline	88-17-5	99.8	4653.1.1P	9.941 ± .16 mg/L
2,4-dichloroaniline	554-00-7	99.5	3054.1.1P	9.911 ± .16 mg/L
3-(trifluoromethyl)aniline	98-16-8	99.7	4654.1.1P	9.833 ± .16 mg/L
4-bromoaniline	106-40-1	99.7	4652.3.1P	9.95 ± .16 mg/L
2-chloroaniline	95-51-2	98	1697.9.1P	9.954 ± .16 mg/L
3-chloroaniline	108-42-9	100	1696.9.2P	10 ± .13 mg/L
4-chloroaniline	106-47-8	100	66.29.1P	9.96 ± .16 mg/L
3-chloro-4-methylaniline	95-74-9	99	1691.1.1P	9.784 ± .16 mg/L
4-chloro-2-methylaniline	95-69-2	99.3	1720.1.1P	9.911 ± .16 mg/L
2,6-dichloroaniline	608-31-1	99.8	1690.29.1P	10 ± .16 mg/L
3,4 Dichloroaniline	95-76-1	99.7	1050.1.1P	9.872 ± .16 mg/L
3,5-Dichloroaniline	626-43-7	99.7	1048.1.1P	10.01 ± .16 mg/L
2,6-dimethylaniline	87-62-7	99.9	1702.9.1P	9.951 ± .16 mg/L
N,N-dimethylaniline	121-69-7	99	497.1.1P	9.881 ± .13 mg/L
o-toluidine	95-53-4	99.9	84.7.1P	9.951 ± .16 mg/L
2,3,4-trichloroaniline	634-67-3	99.7	1689.7.2P	9.853 ± .16 mg/L

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.

Certified By: _____
 Amanda Ross
 Manufacture Date 8-Aug-2013

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.

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Catalog No.: 114098-04-5PAK

Lot No.: 213160

Expiration Date: 8-Aug-2015

<u>Compound</u>	<u>CAS No.</u>	<u>Purity (%)</u>	<u>Neat Material Lot No.</u>	<u>Concentration</u>
2,4,5-trichloroaniline	636-30-6	98.9	1688.29.1P	10.24 ± .16 mg/L

Certified By: _____

Amanda Ross

Manufacture Date 8-Aug-2013

Follow all storage requirements, keep tightly closed when not in use, and use good laboratory practices when handling.

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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.