

Report of Analysis

Project Requested by: Eternal Ink  
2426 E. Grand River  
Howell, MI 48843  
Contact: Terry Welker

Project Name: EU Directive for Determination of Aryl Amines

Samples Identification: Light Red #6 ; Brown #26 ; White #31 ; Orange #7 ; Green Conc. #18 ; Lining Black #1 ; Purple Conc. #15 ; Bright Yellow #11 ; Lighting Yellow ; Dark Red #5 ; Blue Conc. #12 ; Magenta

UL Sample Numbers: 57509 ; 57510 ; 57511 ; 57512 ; 57513 ; 57514 ; 57515 ; 57516 ; 57517 ; 57518 ; 57519 ; 57520

UL Project number: 17040

Analyses Requested: Aryl Amines

Results: Analytical data starts on page 2 of this report.  
This report has 14 pages.

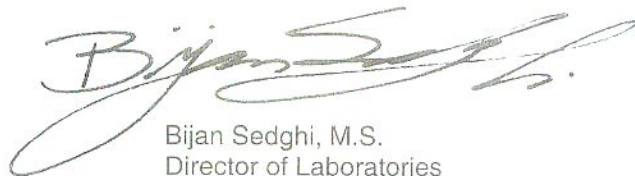
Date and Time of Request: 03/14/2007 02:30 PM

Date and Time of Report: 10/16/2007 02:15 PM

Laboratory control samples were spiked with 2,4-Dimethylaniline, 2,6-Dimethylaniline, p-Chloroaniline, 2,4-Diaminotoluene, and 3,3'-Dimethylbenzidine as a measure of quality based on their recovery values. The recovery values, except of the one for 2,4-Diaminotoluene, were acceptable.

UNIVERSITY LABORATORIES

Heather Schmidt, B.S.  
Quality Assurance Officer

  
Bijan Sedghi, M.S.  
Director of Laboratories

Project Name: EU Directive for Determination of Aryl Amines  
 Project Requested by: Eternal Ink  
 Sample Identification: Light Red #6  
 Sample Matrix: Ink  
 Method of Sampling: Composite  
 Date/Time Sampled: 03/14/2007 12:00 PM  
 Sampled by: Terry Welker  
 Date/Time Sample Received: 03/14/2007 02:30 PM  
 Date/Time Data Reported: 10/16/2007 02:15 PM

UL Sample Number: 57509  
 UL Project Number: 17040

<u>Parameter</u>	<u>Measured Concentration</u>	<u>Unit</u>	<u>Method of Analysis</u>	<u>Reported Detection Limit</u>	<u>Regulatory Level</u>	<u>Footnote</u>
<u>Aryl Amines</u>						
o-Toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4- & 2,6- Dimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
o-Anisidine	<2.00	mg/Kg	GC/MS	2.00		
p-Chloroaniline	<2.00	mg/Kg	GC/MS	2.00		
2-Methoxy-5-methylaniline	<2.00	mg/Kg	GC/MS	2.00		
2,4,5-Trimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
3-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
4-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminotoluene	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminoanisole	<2.00	mg/Kg	GC/MS	2.00		
2-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
2-Aminobiphenyl	<2.00	mg/Kg	GC/MS	2.00		
2-Methyl-5-nitroaniline	7.44	mg/Kg	GC/MS	2.00		
4-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
4-Aminoazobenzene	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Oxydianiline	<2.00	mg/Kg	GC/MS	2.00		
Benzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Diaminodiphenylmethane	<2.00	mg/Kg	GC/MS	2.00		
4,4'-methylene-bis(2-methylaniline)	<2.00	mg/Kg	GC/MS	2.00		
2-Aminoazotoluene	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethylbenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Thiodianiline	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dichlorobenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Methylene-bis(2-chloroaniline)	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethoxybenzidine	<2.00	mg/Kg	GC/MS	2.00		

Analyst: BS Date/Time Prepared: 10/09/2007

Date/Time Analyzed: 10/09/2007 08:57 PM

Project Name: EU Directive for Determination of Aryl Amines

Project Requested by: Eternal Ink

Sample Identification: Brown #26

Sample Matrix: Ink

Method of Sampling: Grab

Date/Time Sampled: 03/14/2007 12:00 PM

Sampled by: Terry Welker

Date/Time Sample Received: 03/14/2007 02:30 PM

UL Sample Number: 57510

Date/Time Data Reported: 10/16/2007 02:15 PM

UL Project Number: 17040

<u>Parameter</u>	<u>Measured Concentration</u>	<u>Unit</u>	<u>Method of Analysis</u>	<u>Reported Detection Limit</u>	<u>Regulatory Level</u>	<u>Footnote</u>
<u>Aryl Amines</u>						
o-Toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4- & 2,6- Dimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
o-Anisidine	<2.00	mg/Kg	GC/MS	2.00		
p-Chloroaniline	<2.00	mg/Kg	GC/MS	2.00		
2-Methoxy-5-methylaniline	<2.00	mg/Kg	GC/MS	2.00		
2,4,5-Trimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
3-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
4-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminotoluene	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminoanisole	<2.00	mg/Kg	GC/MS	2.00		
2-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
2-Aminobiphenyl	<2.00	mg/Kg	GC/MS	2.00		
2-Methyl-5-nitroaniline	<2.00	mg/Kg	GC/MS	2.00		
4-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
4-Aminoazobenzene	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Oxydianiline	<2.00	mg/Kg	GC/MS	2.00		
Benzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Diaminodiphenylmethane	<2.00	mg/Kg	GC/MS	2.00		
4,4'-methylene-bis(2-methylaniline)	<2.00	mg/Kg	GC/MS	2.00		
2-Aminoazotoluene	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethylbenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Thiodianiline	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dichlorobenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Methylene-bis(2-chloroaniline)	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethoxybenzidine	<2.00	mg/Kg	GC/MS	2.00		

Analyst: BS

Date/Time Prepared: 10/09/2007

Date/Time Analyzed: 10/09/2007 09:21 PM

Project Name: EU Directive for Determination of Aryl Amines

Project Requested by: Eternal Ink

Sample Identification: White #31

Sample Matrix: Ink

Method of Sampling: Grab

Date/Time Sampled: 03/14/2007 12:00 PM

Sampled by: Terry Welker

Date/Time Sample Received: 03/14/2007 02:30 PM

UL Sample Number: 57511

Date/Time Data Reported: 10/16/2007 02:15 PM

UL Project Number: 17040

<u>Parameter</u>	<u>Measured Concentration</u>	<u>Unit</u>	<u>Method of Analysis</u>	<u>Reported Detection Limit</u>	<u>Regulatory Level</u>	<u>Footnote</u>
<u>Aryl Amines</u>						
o-Toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4- & 2,6- Dimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
o-Anisidine	<2.00	mg/Kg	GC/MS	2.00		
p-Chloroaniline	<2.00	mg/Kg	GC/MS	2.00		
2-Methoxy-5-methylaniline	<2.00	mg/Kg	GC/MS	2.00		
2,4,5-Trimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
3-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
4-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminotoluene	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminoanisole	<2.00	mg/Kg	GC/MS	2.00		
2-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
2-Aminobiphenyl	<2.00	mg/Kg	GC/MS	2.00		
2-Methyl-5-nitroaniline	<2.00	mg/Kg	GC/MS	2.00		
4-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
4-Aminoazobenzene	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Oxydianiline	<2.00	mg/Kg	GC/MS	2.00		
Benzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Diaminodiphenylmethane	<2.00	mg/Kg	GC/MS	2.00		
4,4'-methylene-bis(2-methylaniline)	<2.00	mg/Kg	GC/MS	2.00		
2-Aminoazotoluene	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethylbenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Thiodianiline	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dichlorobenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Methylene-bis(2-chloroaniline)	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethoxybenzidine	<2.00	mg/Kg	GC/MS	2.00		

Analyst: BS

Date/Time Prepared: 10/09/2007

Date/Time Analyzed: 10/09/2007 09:45 PM

Project Name: EU Directive for Determination of Aryl Amines  
 Project Requested by: Eternal Ink  
 Sample Identification: Orange #7  
 Sample Matrix: Ink  
 Method of Sampling: Grab  
 Date/Time Sampled: 03/14/2007 12:00 PM  
 Sampled by: Terry Welker  
 Date/Time Sample Received: 03/14/2007 02:30 PM  
 Date/Time Data Reported: 10/16/2007 02:15 PM

UL Sample Number: 57512  
 UL Project Number: 17040

<u>Parameter</u>	<u>Measured Concentration</u>	<u>Unit</u>	<u>Method of Analysis</u>	<u>Reported Detection Limit</u>	<u>Regulatory Level</u>	<u>Footnote</u>
<u>Aryl Amines</u>						
o-Toluidine	<2.00	mg/Kg	GC/MS	2.00		1
2,4- & 2,6- Dimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
o-Anisidine	<2.00	mg/Kg	GC/MS	2.00		
p-Chloroaniline	<2.00	mg/Kg	GC/MS	2.00		
2-Methoxy-5-methylaniline	<2.00	mg/Kg	GC/MS	2.00		
2,4,5-Trimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
3-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
4-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminotoluene	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminoanisole	<2.00	mg/Kg	GC/MS	2.00		
2-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
2-Aminobiphenyl	<2.00	mg/Kg	GC/MS	2.00		
2-Methyl-5-nitroaniline	2.16	mg/Kg	GC/MS	2.00		
4-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
4-Aminoazobenzene	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Oxydianiline	<2.00	mg/Kg	GC/MS	2.00		
Benzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Diaminodiphenylmethane	<2.00	mg/Kg	GC/MS	2.00		
4,4'-methylene-bis(2-methylaniline)	<2.00	mg/Kg	GC/MS	2.00		
2-Aminoazotoluene	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethylbenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Thiodianiline	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dichlorobenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Methylene-bis(2-chloroaniline)	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethoxybenzidine	<2.00	mg/Kg	GC/MS	2.00		

Analyst: BS Date/Time Prepared: 10/09/2007

Date/Time Analyzed: 10/09/2007 10:08 PM

Project Name: EU Directive for Determination of Aryl Amines

Project Requested by: Eternal Ink

Sample Identification: Green Conc. #18

Sample Matrix: Ink

Method of Sampling: Grab

Date/Time Sampled: 03/14/2007 12:00 PM

Sampled by: Terry Welker

Date/Time Sample Received: 03/14/2007 02:30 PM

UL Sample Number: 57513

Date/Time Data Reported: 10/16/2007 02:15 PM

UL Project Number: 17040

<u>Parameter</u>	<u>Measured Concentration</u>	<u>Unit</u>	<u>Method of Analysis</u>	<u>Reported Detection Limit</u>	<u>Regulatory Level</u>	<u>Footnote</u>
<u>Aryl Amines</u>						
o-Toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4- & 2,6- Dimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
o-Anisidine	<2.00	mg/Kg	GC/MS	2.00		
p-Chloroaniline	<2.00	mg/Kg	GC/MS	2.00		
2-Methoxy-5-methylaniline	<2.00	mg/Kg	GC/MS	2.00		
2,4,5-Trimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
3-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
4-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminotoluene	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminoanisole	<2.00	mg/Kg	GC/MS	2.00		
2-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
2-Aminobiphenyl	<2.00	mg/Kg	GC/MS	2.00		
2-Methyl-5-nitroaniline	<2.00	mg/Kg	GC/MS	2.00		
4-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
4-Aminoazobenzene	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Oxydianiline	<2.00	mg/Kg	GC/MS	2.00		
Benzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Diaminodiphenylmethane	<2.00	mg/Kg	GC/MS	2.00		
4,4'-methylene-bis(2-methylaniline)	<2.00	mg/Kg	GC/MS	2.00		
2-Aminoazotoluene	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethylbenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Thiodianiline	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dichlorobenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Methylene-bis(2-chloroaniline)	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethoxybenzidine	<2.00	mg/Kg	GC/MS	2.00		

Analyst: BS

Date/Time Prepared: 10/09/2007

Date/Time Analyzed: 10/09/2007 10:32 PM

Project Name: EU Directive for Determination of Aryl Amines

Project Requested by: Eternal Ink

Sample Identification: Lining Black #1

Sample Matrix: Ink

Method of Sampling: Grab

Date/Time Sampled: 03/14/2007 12:00 PM

Sampled by: Terry Welker

Date/Time Sample Received: 03/14/2007 02:30 PM

UL Sample Number: 57514

Date/Time Data Reported: 10/16/2007 02:15 PM

UL Project Number: 17040

<u>Parameter</u>	<u>Measured Concentration</u>	<u>Unit</u>	<u>Method of Analysis</u>	<u>Reported Detection Limit</u>	<u>Regulatory Level</u>	<u>Footnote</u>
<u>Aryl Amines</u>						
o-Toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4- & 2,6- Dimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
o-Anisidine	<2.00	mg/Kg	GC/MS	2.00		
p-Chloroaniline	<2.00	mg/Kg	GC/MS	2.00		
2-Methoxy-5-methylaniline	<2.00	mg/Kg	GC/MS	2.00		
2,4,5-Trimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
3-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
4-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminotoluene	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminoanisole	<2.00	mg/Kg	GC/MS	2.00		
2-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
2-Aminobiphenyl	<2.00	mg/Kg	GC/MS	2.00		
2-Methyl-5-nitroaniline	<2.00	mg/Kg	GC/MS	2.00		
4-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
4-Aminoazobenzene	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Oxydianiline	<2.00	mg/Kg	GC/MS	2.00		
Benzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Diaminodiphenylmethane	<2.00	mg/Kg	GC/MS	2.00		
4,4'-methylene-bis(2-methylaniline)	<2.00	mg/Kg	GC/MS	2.00		
2-Aminoazotoluene	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethylbenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Thiodianiline	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dichlorobenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Methylene-bis(2-chloroaniline)	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethoxybenzidine	<2.00	mg/Kg	GC/MS	2.00		

Analyst: BS

Date/Time Prepared: 10/09/2007

Date/Time Analyzed: 10/09/2007 10:56 PM

Project Name: EU Directive for Determination of Aryl Amines

Project Requested by: Eternal Ink

Sample Identification: Purple Conc. #15

Sample Matrix: Ink

Method of Sampling: Grab

Date/Time Sampled: 03/14/2007 12:00 PM

Sampled by: Terry Welker

Date/Time Sample Received: 03/14/2007 02:30 PM

UL Sample Number: 57515

Date/Time Data Reported: 10/16/2007 02:15 PM

UL Project Number: 17040

<u>Parameter</u>	<u>Measured Concentration</u>	<u>Unit</u>	<u>Method of Analysis</u>	<u>Reported Detection Limit</u>	<u>Regulatory Level</u>	<u>Footnote</u>
<u>Aryl Amines</u>						
o-Toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4- & 2,6- Dimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
o-Anisidine	<2.00	mg/Kg	GC/MS	2.00		
p-Chloroaniline	<2.00	mg/Kg	GC/MS	2.00		
2-Methoxy-5-methylaniline	<2.00	mg/Kg	GC/MS	2.00		
2,4,5-Trimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
3-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
4-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminotoluene	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminoanisole	<2.00	mg/Kg	GC/MS	2.00		
2-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
2-Aminobiphenyl	<2.00	mg/Kg	GC/MS	2.00		
2-Methyl-5-nitroaniline	<2.00	mg/Kg	GC/MS	2.00		
4-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
4-Aminoazobenzene	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Oxydianiline	<2.00	mg/Kg	GC/MS	2.00		
Benzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Diaminodiphenylmethane	<2.00	mg/Kg	GC/MS	2.00		
4,4'-methylene-bis(2-methylaniline)	<2.00	mg/Kg	GC/MS	2.00		
2-Aminoazotoluene	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethylbenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Thiodianiline	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dichlorobenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Methylene-bis(2-chloroaniline)	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethoxybenzidine	<2.00	mg/Kg	GC/MS	2.00		

Analyst: BS

Date/Time Prepared: 10/09/2007

Date/Time Analyzed: 10/09/2007 11:20 PM

Project Name: EU Directive for Determination of Aryl Amines  
Project Requested by: Eternal Ink  
Sample Identification: Bright Yellow #11  
Sample Matrix: Ink  
Method of Sampling: Grab  
Date/Time Sampled: 03/14/2007 12:00 PM  
Sampled by: Terry Welker  
Date/Time Sample Received: 03/14/2007 02:30 PM  
Date/Time Data Reported: 10/16/2007 02:15 PM

UL Sample Number: 57516  
UL Project Number: 17040

<u>Parameter</u>	<u>Measured Concentration</u>	<u>Unit</u>	<u>Method of Analysis</u>	<u>Reported Detection Limit</u>	<u>Regulatory Level</u>	<u>Footnote</u>
<u>Aryl Amines</u>						
o-Toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4- & 2,6- Dimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
o-Anisidine	<2.00	mg/Kg	GC/MS	2.00		
p-Chloroaniline	<2.00	mg/Kg	GC/MS	2.00		
2-Methoxy-5-methylaniline	<2.00	mg/Kg	GC/MS	2.00		
2,4,5-Trimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
3-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
4-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminotoluene	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminoanisole	<2.00	mg/Kg	GC/MS	2.00		
2-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
2-Aminobiphenyl	<2.00	mg/Kg	GC/MS	2.00		
2-Methyl-5-nitroaniline	<2.00	mg/Kg	GC/MS	2.00		
4-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
4-Aminoazobenzene	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Oxydianiline	<2.00	mg/Kg	GC/MS	2.00		
Benzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Diaminodiphenylmethane	<2.00	mg/Kg	GC/MS	2.00		
4,4'-methylene-bis(2-methylaniline)	<2.00	mg/Kg	GC/MS	2.00		
2-Aminoazotoluene	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethylbenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Thiodianiline	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dichlorobenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Methylene-bis(2-chloroaniline)	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethoxybenzidine	<2.00	mg/Kg	GC/MS	2.00		

Analyst: BS

Date/Time Prepared: 10/09/2007

Date/Time Analyzed: 10/09/2007 11:44 PM

Project Name: EU Directive for Determination of Aryl Amines

Project Requested by: Eternal Ink

Sample Identification: Lighting Yellow

Sample Matrix: Ink

Method of Sampling: Grab

Date/Time Sampled: 03/14/2007 12:00 PM

Sampled by: Terry Welker

Date/Time Sample Received: 03/14/2007 02:30 PM

UL Sample Number: 57517

Date/Time Data Reported: 10/16/2007 02:15 PM

UL Project Number: 17040

<u>Parameter</u>	<u>Measured Concentration</u>	<u>Unit</u>	<u>Method of Analysis</u>	<u>Reported Detection Limit</u>	<u>Regulatory Level</u>	<u>Footnote</u>
<u>Aryl Amines</u>						
o-Toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4- & 2,6- Dimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
o-Anisidine	9.08	mg/Kg	GC/MS	2.00		
p-Chloroaniline	<2.00	mg/Kg	GC/MS	2.00		
2-Methoxy-5-methylaniline	<2.00	mg/Kg	GC/MS	2.00		
2,4,5-Trimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
3-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
4-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminotoluene	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminoanisole	<2.00	mg/Kg	GC/MS	2.00		
2-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
2-Aminobiphenyl	<2.00	mg/Kg	GC/MS	2.00		
2-Methyl-5-nitroaniline	<2.00	mg/Kg	GC/MS	2.00		
4-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
4-Aminoazobenzene	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Oxydianiline	<2.00	mg/Kg	GC/MS	2.00		
Benzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Diaminodiphenylmethane	<2.00	mg/Kg	GC/MS	2.00		
4,4'-methylene-bis(2-methylaniline)	<2.00	mg/Kg	GC/MS	2.00		
2-Aminoazotoluene	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethylbenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Thiodianiline	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dichlorobenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Methylene-bis(2-chloroaniline)	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethoxybenzidine	<2.00	mg/Kg	GC/MS	2.00		

Analyst: BS

Date/Time Prepared: 10/09/2007

Date/Time Analyzed: 10/10/2007 12:08 AM

Project Name: EU Directive for Determination of Aryl Amines  
Project Requested by: Eternal Ink  
Sample Identification: Dark Red #5  
Sample Matrix: Ink  
Method of Sampling: Grab  
Date/Time Sampled: 03/14/2007 12:00 PM  
Sampled by: Terry Welker  
Date/Time Sample Received: 03/14/2007 02:30 PM  
Date/Time Data Reported: 10/16/2007 02:15 PM

UL Sample Number: 57518  
UL Project Number: 17040

<u>Parameter</u>	<u>Measured Concentration</u>	<u>Unit</u>	<u>Method of Analysis</u>	<u>Reported Detection Limit</u>	<u>Regulatory Level</u>	<u>Footnote</u>
<u>Aryl Amines</u>						
o-Toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4- & 2,6- Dimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
o-Anisidine	2.84	mg/Kg	GC/MS	2.00		
p-Chloroaniline	<2.00	mg/Kg	GC/MS	2.00		
2-Methoxy-5-methylaniline	<2.00	mg/Kg	GC/MS	2.00		
2,4,5-Trimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
3-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
4-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminotoluene	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminoanisole	<2.00	mg/Kg	GC/MS	2.00		
2-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
2-Aminobiphenyl	<2.00	mg/Kg	GC/MS	2.00		
2-Methyl-5-nitroaniline	<2.00	mg/Kg	GC/MS	2.00		
4-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
4-Aminoazobenzene	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Oxydianiline	<2.00	mg/Kg	GC/MS	2.00		
Benzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Diaminodiphenylmethane	<2.00	mg/Kg	GC/MS	2.00		
4,4'-methylene-bis(2-methylaniline)	<2.00	mg/Kg	GC/MS	2.00		
2-Aminoazotoluene	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethylbenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Thiodianiline	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dichlorobenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Methylene-bis(2-chloroaniline)	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethoxybenzidine	<2.00	mg/Kg	GC/MS	2.00		

Analyst: BS

Date/Time Prepared: 10/09/2007

Date/Time Analyzed: 10/10/2007 12:32 AM

Project Name: EU Directive for Determination of Aryl Amines

Project Requested by: Eternal Ink

Sample Identification: Blue Conc. #12

Sample Matrix: Ink

Method of Sampling: Grab

Date/Time Sampled: 03/14/2007 12:00 PM

Sampled by: Terry Welker

Date/Time Sample Received: 03/14/2007 02:30 PM

UL Sample Number: 57519

Date/Time Data Reported: 10/16/2007 02:15 PM

UL Project Number: 17040

<u>Parameter</u>	<u>Measured Concentration</u>	<u>Unit</u>	<u>Method of Analysis</u>	<u>Reported Detection Limit</u>	<u>Regulatory Level</u>	<u>Footnote</u>
<u>Aryl Amines</u>						
o-Toluidine	<2.00	mg/Kg	GC/MS	2.00		1
2,4- & 2,6- Dimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
o-Anisidine	<2.00	mg/Kg	GC/MS	2.00		
p-Chloroaniline	<2.00	mg/Kg	GC/MS	2.00		
2-Methoxy-5-methylaniline	<2.00	mg/Kg	GC/MS	2.00		
2,4,5-Trimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
3-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
4-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminotoluene	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminoanisole	<2.00	mg/Kg	GC/MS	2.00		
2-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
2-Aminobiphenyl	<2.00	mg/Kg	GC/MS	2.00		
2-Methyl-5-nitroaniline	<2.00	mg/Kg	GC/MS	2.00		
4-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
4-Aminoazobenzene	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Oxydianiline	<2.00	mg/Kg	GC/MS	2.00		
Benzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Diaminodiphenylmethane	<2.00	mg/Kg	GC/MS	2.00		
4,4'-methylene-bis(2-methylaniline)	<2.00	mg/Kg	GC/MS	2.00		
2-Aminoazotoluene	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethylbenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Thiodianiline	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dichlorobenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Methylene-bis(2-chloroaniline)	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethoxybenzidine	<2.00	mg/Kg	GC/MS	2.00		

Analyst: BS

Date/Time Prepared: 10/09/2007

Date/Time Analyzed: 10/10/2007 12:56 AM

Project Name: EU Directive for Determination of Aryl Amines  
Project Requested by: Eternal Ink  
Sample Identification: Magenta  
Sample Matrix: Ink  
Method of Sampling: Grab  
Date/Time Sampled: 03/14/2007 12:00 PM  
Sampled by: Terry Welker  
Date/Time Sample Received: 04/03/2007 03:00 PM  
Date/Time Data Reported: 10/16/2007 02:15 PM

UL Sample Number: 57520  
UL Project Number: 17040

<u>Parameter</u>	<u>Measured Concentration</u>	<u>Unit</u>	<u>Method of Analysis</u>	<u>Reported Detection Limit</u>	<u>Regulatory Level</u>	<u>Footnote</u>
<u>Aryl Amines</u>						
o-Toluidine	<2.00	mg/Kg	GC/MS	2.00		1
2,4- & 2,6- Dimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
o-Anisidine	<2.00	mg/Kg	GC/MS	2.00		
p-Chloroaniline	<2.00	mg/Kg	GC/MS	2.00		
2-Methoxy-5-methylaniline	<2.00	mg/Kg	GC/MS	2.00		
2,4,5-Trimethylaniline	<2.00	mg/Kg	GC/MS	2.00		
3-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
4-Chloro-o-toluidine	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminotoluene	<2.00	mg/Kg	GC/MS	2.00		
2,4-Diaminoanisole	<2.00	mg/Kg	GC/MS	2.00		
2-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
2-Aminobiphenyl	<2.00	mg/Kg	GC/MS	2.00		
2-Methyl-5-nitroaniline	<2.00	mg/Kg	GC/MS	2.00		
4-Aminonaphthalene	<2.00	mg/Kg	GC/MS	2.00		
4-Aminoazobenzene	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Oxydianiline	<2.00	mg/Kg	GC/MS	2.00		
Benzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Diaminodiphenylmethane	<2.00	mg/Kg	GC/MS	2.00		
4,4'-methylene-bis(2-methylaniline)	<2.00	mg/Kg	GC/MS	2.00		
2-Aminoazotoluene	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethylbenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Thiodianiline	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dichlorobenzidine	<2.00	mg/Kg	GC/MS	2.00		
4,4'-Methylene-bis(2-chloroaniline)	<2.00	mg/Kg	GC/MS	2.00		
3,3'-Dimethoxybenzidine	<2.00	mg/Kg	GC/MS	2.00		

Analyst: BS Date/Time Prepared: 10/09/2007

Date/Time Analyzed: 10/10/2007 01:20 AM