

Report of Analysis

Project Requested by: Eternal Ink, Inc.
7987 Lochlin Drive
Brighton, MI 48116
Contact: Andrew Renfrew

Project Name: Eternal Ink, Inc.

Samples Identification: EU03 Grey

UL Sample Numbers: 95328

UL Project number: **29800**

Analyses Requested: EU REACH 2022 Regulations (Amines) ; EU REACH 2022 Regulations (Biocides) ; EU REACH 2022 Regulations (Metals) ; EU REACH 2022 Regulations (PAH/PNA)

Results: Analytical data starts on page 2 of this report.
This report has 4 pages.

Date and Time of Request: 11/30/2021 09:50 AM

Date and Time of Report: 12/14/2021 05:01 PM

UNIVERSITY LABORATORIES



Bijan Sedghi, M.S.
Director of Laboratories

Project Name: Eternal Ink, Inc.

Project Requested by: Eternal Ink, Inc.

Sample Identification: EU03 Grey

Sample Matrix: Ink

Date/Time Sampled: 11/30/2021

Date/Time Sample Received: 11/30/2021 09:50 AM

Date/Time Data Reported: 12/14/2021 05:01 PM

UL Sample Number: **95328**

UL Project Number: 29800

<u>Parameter/Category</u>	<u>Regulatory Level</u>	<u>Reported Detection Limit</u>	<u>Unit</u>	<u>Pass/Fail</u>
EU REACH 2022 Regulations (Amines)				
o-Toluidine (95-53-4)	0.000500	0.000200	%	Pass
2,4- & 2,6- Dimethylaniline (95-68-1 & 87-62-7)	0.000500	0.000400	%	Pass
o-Anisidine (90-04-0)	0.000500	0.000200	%	Pass
p-Chloroaniline (106-47-8)	0.000500	0.000200	%	Pass
4-Amino-3-fluorophenol (399-95-1)	0.000500	0.000200	%	Pass
2-Methoxy-5-methylaniline (120-71-8)	0.000500	0.000200	%	Pass
2,4,5-Trimethylaniline (137-17-7)	0.000500	0.000200	%	Pass
4-Chloro-o-toluidine (95-69-2)	0.000500	0.000200	%	Pass
2,4-Diaminotoluene (95-80-7)	0.000500	0.000200	%	Pass
2,4-Diaminoanisole (615-05-4)	0.000500	0.000200	%	Pass
2-Aminonaphthalene (91-59-8)	0.000500	0.000200	%	Pass
2-Methyl-5-nitroaniline (99-55-8)	0.000500	0.000200	%	Pass
4-Aminobiphenyl (92-67-1)	0.000500	0.000200	%	Pass
6-Amino-2-ethoxynaphthalene (293733-21-8)	0.000500	0.000200	%	Pass
4-Aminoazobenzene (60-09-3)	0.000500	0.000200	%	Pass
4,4'-Oxydianiline (101-80-4)	0.000500	0.000200	%	Pass
Benzidine (92-87-5)	0.000500	0.000200	%	Pass
4,4'-Diaminodiphenylmethane (101-77-9)	0.000500	0.000200	%	Pass
4,4'-methylene-bis(2-methylaniline) (838-88-0)	0.000500	0.000200	%	Pass
2-Aminoazotoluene (97-56-3)	0.000500	0.000200	%	Pass
3,3'-Dimethylbenzidine (119-93-7)	0.000500	0.000200	%	Pass
4,4'-Thiodianiline (139-65-1)	0.000500	0.000200	%	Pass
3,3'-Dichlorobenzidine (91-94-1)	0.000500	0.000200	%	Pass
4,4'-Methylene-bis(2-chloroaniline) (101-14-4)	0.000500	0.000200	%	Pass
3,3'-Dimethoxybenzidine (119-90-4)	0.000500	0.000200	%	Pass
1,4-Phenylenediamine (106-50-3)	0.000500	0.000200	%	Pass
Aniline (62-53-3)	0.000500	0.000200	%	Pass
2,5-Diaminotoluene (95-70-5)	0.000500	0.000200	%	Pass
p-Toluidine (106-49-0)	0.000500	0.000200	%	Pass

All parameters pass in this category.

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EU REACH 2022 Regulations (Biocides)				
Benzisothiazolinone (CAS 2634-33-5) (2634-33-5)	0.00100	0.00100	%	Pass
2-Phenoxyethanol (122-99-6)	0.0100	0.000400	%	Pass

All parameters pass in this category.

EU REACH 2022 Regulations (Metals)

Antimony (7440-36-0)	0.0000500	0.0000500	%	Pass
Arsenic (7440-38-2)	0.0000500	0.0000500	%	Pass
Cadmium (7440-43-9)	0.0000500	0.0000200	%	Pass
Cobalt (7440-48-4)	0.0000500	0.0000400	%	Pass
Lead (7439-92-1)	0.0000700	0.0000400	%	Pass
Nickel (7440-02-0)	0.000500	0.0000400	%	Pass
Selenium (7782-49-2)	0.000200	0.0000500	%	Pass
Barium (7440-39-3)	0.0500	0.000200	%	Pass
Copper (7440-50-8)	0.0250	0.000200	%	Pass
Zinc (7440-66-6)	0.200	0.000200	%	Pass
Chromium (Hexavalent)	0.0000500	0.0000500	%	Pass
Mercury	0.0000500	0.0000100	%	Pass

All parameters pass in this category.

EU REACH 2022 Regulations (PAH/PNA)

Naphthalene (91-20-3)	0.0000500	0.0000500	%	Pass
2-Methylnaphthalene (91-57-6)	0.0000500	0.0000500	%	Pass
Acenaphthylene (208-96-8)	0.0000500	0.0000500	%	Pass
Acenaphthene (83-32-9)	0.0000500	0.0000500	%	Pass
Fluorene (86-73-7)	0.0000500	0.0000500	%	Pass
Phenanthrene (85.01-8)	0.0000500	0.0000500	%	Pass
Anthracene (120-12-7)	0.0000500	0.0000500	%	Pass

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Fluoranthene (206-44-0)	0.0000500	0.0000500	%	Pass
Pyrene (129-00-0)	0.0000500	0.0000500	%	Pass
Benzo (a) anthracene (56-55-3)	0.0000500	0.0000500	%	Pass
Chrysene (218-01-9)	0.0000500	0.0000500	%	Pass
Benzo (b) fluoranthene (205-99-2)	0.0000500	0.0000500	%	Pass
Benzo (k) fluoranthene (207-08-9)	0.0000500	0.0000500	%	Pass
Benzo (a) pyrene (50-32-8)	0.000000500	0.000000500	%	Pass
Indeno (1,2,3-cd) pyrene (193-39-5)	0.0000500	0.0000500	%	Pass
Dibenzo (a,h) anthracene (53-70-3)	0.0000500	0.0000500	%	Pass
Benzo (ghi) perylene (191-24-2)	0.0000500	0.0000500	%	Pass

All parameters pass in this category.

"Fail" refers to a condition where the measured concentration does not meet the corresponding regulatory level.