



Atharva Laboratories Pvt. Ltd.

Testing Pioneers Since 2007

D-115A, Hosiery Complex, Phase II, Noida 201305, UP, India
C-54, Hosiery Complex, Phase II, Noida 201305, UP, India
91, Rayapur Industrial Area, Hubli 580026, Karnataka, India



TC-6319

TEST REPORT

Name of Laboratory	ATHARVA LABORATORIES PRIVATE LIMITED		
Address/Location of Laboratory	D-115A, HOSIERY COMPLEX, PHASE-II NOIDA-201305 (U.P.) INDIA (Unit-1)		
Customer Name	THREADS INDIA PVT. LTD.		
Customer Address	492, AMILHIA, G.T. ROAD, CHAUBEPUR, KANPUR-209203 (U.P.)		
Sample Name	Nylon-6 Thread		
Code/Report no.	N.A.		
Date of Receipt	17.03.2025	Job Start Date	17.03.2025
Job Completion Date	24.03.2025	Report Issue Date	24.03.2025
Condition	Satisfactory	Specification	IS 17011:2018
Environmental Condition	Temp.: Ambient, RH%: Ambient		
Job No.	A250317-009	ULR No.	TC631925100000757F

PART: A - PARTICULARS OF SAMPLE SUBMITTED

Grade/Variety/Type/Class/Size	N.A.		
Declared values	N.A.		
Code No/Article Name	N.A.		
Batch No. & DOM	N.A.		
Material Description	Thread-Nylon.		
Any other Information	N.A.		
Additional information	N.A.		
Brand name	N.A.		
Mode of Packing	N.A.	BIS seal	N.A.
Letter signature by	N.A.	Quantity	01 Odd

PART: B- SUPPLEMENTARY INFORMATION

- a) Reference to sampling procedure, wherever applicable: NA
b) Supporting documents for the measurements taken and results derived like graphs, table, sketches and photograph: if any: NA
c) Deviation from the test methods as prescribed in relevant ISS/Work Instruction, if any: NA



Job No. A250317-009
Page 1 of 6

Recognized by BIS, TEC and RDSO • Notified by FSSAI

© +91-7827983858 | +91-9315142851 | 0120-4559212 | 0120-4324818 | contact@atharvalab.com | query@atharvalab.com

CIN No. U24119DL2007PTC158494 | GSTIN : 09AAGCA1485L1ZC | www.atharvalab.com

For report verification, email at report.verification@atharvalab.com, or visit www.atharvalab.com/verify-report

All test reports are authenticated by Hologram and QR Code on the first page.



Scanned with OKEN Scanner



Atharva Laboratories Pvt. Ltd.

Testing Pioneers Since 2007

D-115A, Hosiery Complex, Phase II, Noida 201305, UP, India
C-54, Hosiery Complex, Phase II, Noida 201305, UP, India
91, Rayapur Industrial Area, Hubli 580026, Karnataka, India



TC-6319

TEST REPORT

PART: C- Test Result

LIST OF COMPONENTS TESTED FOR CHEMICAL PARAMETER

Sr. No.	Item	Description
1.	Thread	Nylon

i) Azo Free Dyes (As per Annex A):

Detection of banned amines

Instrument Name: GC-MS

Sr. No.	Part Name	Test Method	Lod (mg/kg)	Result	Requirement Max (mg/kg)	Remarks
1	1	IS 15570 :2005	1.0	Not Detected	20	Pass

ii) Detection of Dimethyl Fumarate DMFu (IS 16991:2018)

Instrument Name: GC-MS

Sr. No.	Part Name	Test Method	Lod (mg/kg)	Result	Requirement Max (mg/kg)	Remarks
1	1	IS 16991:2018	0.01	Not Detected	0.1	Pass

iii) Detection of Cr VI Content (IS 16259:2014)

Not Applicable

iv) Detection Of Formaldehyde

Sr. No.	Part Name	Test Method	Lod (mg/kg)	Result (mg/kg)	Requirement Max (mg/kg)	Remarks
1	1	IS 14563 Part-1:2021	0.6	Not Detected	75	Pass

v) Detection of Organotin Compounds (IS 16981:2018)

Instrument Name: GC-MS

Sr. No.	Part Name	Test Method	Lod (mg/kg)	Result	Remarks
1	1	IS 16981:2018	1.0	Not Detected	Pass

vi) Detection of Polychlorophenols (As per Annex D)

Not Applicable



Page 2 of 6

Recognized by BIS, TEC and RDSO • Notified by FSSAI

© +91-7827983858 | +91-9315142851 | 0120-4559212 | 0120-4324818 | contact@atharvalab.com | query@atharvalab.com

CIN No. U24119DL2007PTC158494 | GSTIN : 09AAGCA1485L1ZC | www.atharvalab.com

For report verification, email at report.verification@atharvalab.com, or visit www.atharvalab.com/verify-report

All test reports are authenticated by Hologram and QR Code on the first page.



Scanned with OKEN Scanner



Atharva Laboratories Pvt. Ltd.

Testing Pioneers Since 2007

D-115A, Hosiery Complex, Phase II, Noida 201305, UP, India
C-54, Hosiery Complex, Phase II, Noida 201305, UP, India
91, Rayapur Industrial Area, Hubli 580026, Karnataka, India



TC-6319

TEST REPORT

vii) Detection of Phthalates (As per Annex E)

Instrument Used: GC-MS

Sr. No.	Part Name	Test Method	Lod (mg/kg)	Result	Requirement Max (mg/kg)	Remarks
1	1	IS 16915:2018	10	Not Detected	Max 500 mg /kg	Pass

viii) pH

Instrument Used: pH Meter

Sr. No.	Part Name	Test Method	Specified Requirement	Result	Remarks
1	1	IS 1390:2022	Shall not be less than 3.5 the difference of pH on dilution by a factor of 10 (differential number) shall not be more than 0.6	7.4	Pass

ix) Allergenic disperse dyes (As per Annex B)

Instrument Used: LC-MS/MS

Sr. No.	Part Name	Test Method	Lod (mg/kg)	Result (mg/kg)	Requirement Max (mg/kg)	Remarks
1	1	IS 16914 Part-2&3:2018	0.3	Not Detected	1	Pass

x) Carcinogenic Disperse Dyes (As per Annex C)

Instrument Used: LC-MS/MS

Sr. No.	Part Name	Test Method	Lod (mg/kg)	Result (mg/kg)	Requirement Max (mg/kg)	Remarks
1	1	IS 16914 Part-2&3:2018	0.3	Not Detected	1	Pass

xi) Nickel Release

Not Applicable

QUALITY MATTERS



Job No-A250317-009
Page 3 of 6

• Recognized by BIS, TEC and RDSO • Notified by FSSAI

© +91-7827983858 | +91-9315142851 | 0120-4559212 | 0120-4324818 | contact@atharvalab.com | query@atharvalab.com

CIN No. U24119DL2007PTC158494 | GSTIN : 09AAGCA1485L1ZC | www.atharvalab.com

For report verification, email at report.verification@atharvalab.com, or visit www.atharvalab.com/verify-report

All test reports are authenticated by Hologram and QR Code on the first page.



Scanned with OKEN Scanner



Atharva Laboratories Pvt. Ltd.

Testing Pioneers Since 2007

D-115A, Hosiery Complex, Phase II, Noida 201305, UP, India
C-54, Hosiery Complex, Phase II, Noida 201305, UP, India
91, Rayapur Industrial Area, Hubli 580026, Karnataka, India



TC-6319

TEST REPORT

Annex -A List of Banned Amines

Sr.No.	Banned Amines	CAS No.
01	2-4 Daminoanisole	615-05-4
02	2-4 Diaminotoluene	95-80-7
03	4-4Oxydianiline	101-80-4
04	Benzidine (or 4-4 Diaminobiphenyl)	92-87-5
05	o-Anisidine	90-04-0
06	O-Toluidine (or 2-toluidine)	95-53-4
07	4-4 Diamino Diphenyl Methane	101-77-9
08	P-Chloroaniline	106-47-8
09	P-Kresidine	120-71-8
10	3-3 Dimethoxy benzidine	119-90-4
11	2-Amino 4-Nitro toluene	99-55-8
12	3-3 Dimethyle benzidine	119-93-7
13	4-4 Thiodianiline	139-65-1
14	2-Naphthyl Amine	91-69-8
15	3-3Dimethyl4-4DiaminoDiphenylmethane	838-88-0
16	4-chloro-O-Toluene	95-69-2
17	2-4-5Trimethyl Aniline	137-17-7
18	4-aminodiphenyl	92-67-1
19	3-3Dichlorobenzidine	91-94-1
20	4-Aminoazobenzol	60-09-3
21	4-4Methylene-bis-(2-chloroaniline)	101-14-4
22	O-aminoazotoluene	97-56-3

Annex -B List of Allergenic disperse dyes

Sr.No.	Disperse dyes	CAS No
01	Disperse blue 3	2475-46-9
02	Disperse blue 7	3179-90-6
03	Disperse blue 26	3860-63-7
04	Disperse blue 102	12222-97-8
05	Disperse yellow 1	119-15-3
06	Disperse yellow 7	6300-37-4
07	Disperse yellow 9	6373-73-5
08	Disperse yellow 56	54077-16-8

• Recognized by BIS, TEC and RDSO • Notified by ESSAI

© +91-7827983858 | +91-9315142851 | 0120-4559212 | 0120-4324818 | contact@atharvalab.com | query@atharvalab.com

CIN No. U24119DL2007PTC158494 | GSTIN : 09AAGCA1485L1ZC | www.atharvalab.com

For report verification, email at report.verification@atharvalab.com, or visit www.atharvalab.com/verify-report

All test reports are authenticated by Hologram and QR Code on the first page.



Scanned with OKEN Scanner



Atharva Laboratories Pvt. Ltd.

Testing Pioneers Since 2007

D-115A, Hosiery Complex, Phase II, Noida 201305, UP, India
C-54, Hosiery Complex, Phase II, Noida 201305, UP, India
91, Rayapur Industrial Area, Hubli 580026, Karnataka, India



TC-6319

TEST REPORT

09	Disperse yellow 39	12236-29-2
10	Disperse yellow 49	54824-37-2
11	Disperse Orange 1	2581-69-3
12	Disperse red 11	2872-48-2
13	Disperse red 17	3179-89-3
14	Disperse red 151	--
15	Disperse red 151	--
16	Disperse brown 1	23355-64-8
17	Solvent Red 23	--

Annex -C

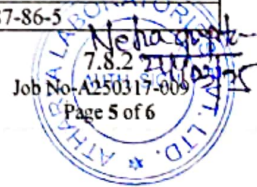
List of Carcinogenic disperse dyes

Sr.No.	Disperse Dyes	CAS No
01	Navy Blue	118685-33-9
02	Basic red 9	569-61-9
03	Dispersed Blue 1	2475-45-8
04	Dispersed Blue 35	12222-75-2
05	Dispersed Blue 106	12223-01-7
06	Dispersed Blue 124	61951-51-7
07	Dispersed yellow 3	2832-40-8
08	Dispersed yellow 23	6250-22-3
09	Violet 3	--
10	Disperse orange 3	730-40-5
11	Disperse orange 37/59/76	12223-33-5
12	Disperse red 1	2872-52-8

Annex -D

List of Chlorinated Phenol

Sr.No.	Chlorinated Phenol	CAS No.
01	Trichlorophenol (TriCP)	25167-82-2
02	2,4,5 TCP	95-95-4
03	2,4,6 TCP	88-06-02
04	2,3,5 TCP	933-78-8
05	3,4,5 TCP	609-19-8
06	2,3,6 TCP	933-75-5
07	2,3,4 TCP	15950-66-0
08	Tetrachlorophenol (TeCP)	25167-83-3
09	2,3,5,6-Tetrachlorophenol	935-95-5
10	2,3,4,6-Tetrachlorophenol	58-90-2
11	2,3,4,5-Tetrachlorophenol	4901-51-3
12	Pentachlorophenol (PCP)	87-86-5



Recognized by BIS, TEC and RDSO • Notified by FSSAI

© +91-7827983858 | +91-9315142851 | 0120-4559212 | 0120-4324818 | contact@atharvalab.com | query@atharvalab.com

CIN No. U24119DL2007PTC158494 | GSTIN : 09AAGCA1485L12C | www.atharvalab.com

For report verification, email at report.verification@atharvalab.com, or visit www.atharvalab.com/verify-report

All test reports are authenticated by Hologram and QR Code on the first page.



Scanned with OKEN Scanner



Atharva Laboratories Pvt. Ltd.

Testing Pioneers Since 2007

D-115A, Hosiery Complex, Phase II, Noida 201305, UP, India
C-54, Hosiery Complex, Phase II, Noida 201305, UP, India
91, Rayapur Industrial Area, Hubli 580026, Karnataka, India



TC-6319

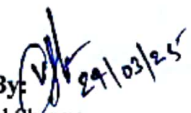
TEST REPORT

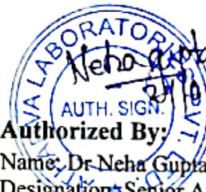
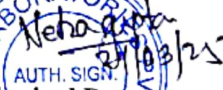
Annex - E List of Phthalates

Sr.No.	Name of the Phthalates	CAS No.
01	Di-Iso-nonyl phthalate (DINP)	28553-12-0
02	Di-n-octyl phthalate (DNOP)	117-84-0
03	Di(2-ethylhexyl)-phthalate (DEHP)	117-81-7
04	Diisodecyl phthalate (DIDP)	26761-40-0
05	Butylbenzyl phthalate (BBP)	85-68-7
06	Dibutyl phthalate (DBP)	84-74-2
07	Diisobutyl phthalate (DIBP)	84-69-5

Annex - F List of Organotin Compounds

Sr.No.	Organotin Compounds	CAS No.	Requirement
01	Dibutyltin (DBT)	1002-53-5	Max 5.0 mg /kg
02	Dibutyltin dichloride (DBT)	683-18-1	Max 5.0 mg /kg
03	Dioctyltin (DOT)	15231-44-4	Max 5.0 mg /kg
04	Monobutyltin (MBT)	78763-54-9	Max 5.0 mg /kg
05	Tributyltin (TBT)	56573-85-4	Max 1.0 mg /kg
06	Triphenyltin (TPHT)	900-95-8	Max 1.0 mg /kg
07	Monooctyltin (MOT)	15231-57-9	Max 5.0 mg /kg
08	Bis(tributyltin) oxide (TBTO)	56-35-9	Max 1.0 mg /kg

Reviewed By: 
Name: Vishal Sharma
Designation: Analyst


AUTH. SIGN: 
Authorized By:
Name: Dr. Neha Gupta
Designation: Senior Analyst

End of the Test Report

- This Report is for technical information of client only. Not for advertisement, promotion, publicity litigation or legal purpose.
- Atharva laboratory shall be indemnified against any dispute arising out of issue of this report.
- Sample not drawn by ATHARVA laboratory and test results relate only to sample tested.
- The report must not be reproduced except in full without approval of ATHARVA.
- Laboratory is not responsible for customers supplied information.

7.8.2
Job No-A250317-009
Page 6 of 6

Recognized by BIS, TEC and RDSO • Notified by FSSAI

© +91-7827983858 | +91-9315142851 | 0120-4559212 | 0120-4324818 | contact@atharvalab.com | query@atharvalab.com

CIN No. U24119DL2007PTC158494 | GSTIN : 09AAGCA1485L1ZC | www.atharvalab.com

For report verification, email at report.verification@atharvalab.com, or visit www.atharvalab.com/verify-report
All test reports are authenticated by Hologram and QR Code on the first page.



Scanned with OKEN Scanner