

**Applicant** : Jordan Chalk Manufacturing Company Ltd.  
**Contact Person** : Mr. Salah Aloqbi  
**Address** : Al Hussein bin Abdullah II Industrial Estate  
Area Code 61110 , P. O. Box 32 / Karak - Jordan

Sample not drawn by TUV Rheinland (India) Pvt. Ltd.

**Sample Description** : Modelling Clay (Plasticine) and Plastic Mould  
MC100R8M4T, MC150R12M4T, MC180R12M4T, MC200R16M4T,  
MC250S18M4T, MC300R24M4T, MC100R8M4TR, MC150R12M4TR,  
MC180R12M4TR, MC200R16M4TR, MC250S18M4TR, MC300R24M4TR,  
MC100R8H4T, MC150R12H4T, MC180R12H4T, MC200R16H4T  
MC250R18H4T, MC300R24H4T, MC100R8H4TR, MC150R12H4TR,  
MC180R12H4TR, MC200R16H4TR, MC250R18H4TR, MC300R24H4TR,  
MC75R6P2T, MC150R12P2T, MC40S6B, MC90S6B, MC90R6B, MC120R8B,  
MC150R10B, MC80R12B, MC180R12B, MC360R24B, MC40R6B2T, MC90R6B4T,  
MC120R8B3T, MC150R10B4T, MC80R12B3T, MC180R12B4T, MC180R12-  
6BN6T, MC240R16B6T, MC180R12B8T, MC40R6B4TR, MC90R6B4TR,  
MC120R8B3TR, MC150R10B4TR, MC80R12B3TR, MC180R12B4TR, MC100S2B,  
**Article No** : MC200S4B, MC100S2B2T, MC200S4B4T, MC100S2B2TR, MC200S4B4TR,  
MC90R6BN, MC100S2BN, MC200S4BN, MC40R6, MC50R8, MC60R10,  
MC75R12, MC40R6C, MC80R12C, MC90R6C, MC120R8C, MC150R10C,  
MC180R12C, MC90R6CN, MC90S6C, MC360R24C, MC360R6CJ, MC37R6P-48,  
MC75R6P-24, MC100R8P-18, MC120R10P-15, MC75R12P-24, MC150R12P-12,  
MC500S10P, MC1200S24P, MC1800S36P-36, MC1200R12P, MC2400S24P,  
MC2400S12P, MC600S12D, MC1200S24D, MC1200S12D, MC2400S12D,  
MC2000S4D, MC12000S24D12, MC12000S24D1, MC12000S24D6R,  
MC12000S24D6N, MC100R6P, MC200R12P, MC300R12P, MC500R12P  
MC750R12P, MC1000R12P, MC1500R12P, MC2000R12P, P15TR, H10TR, M10T,  
P10T, B10T, MC250R18M4T, MC250R18M4TR, MC90R6P2T, MC90N90R6P8TP,  
MC500R12P10T, MC300R18M, MC360R24M  
**Colour Name** : Multi  
**End Use** : Children Toy  
**Country of Origin** : Jordan  
**Sample Receiving Date** : 20<sup>th</sup> December, 2022  
**Testing Period** : 20<sup>th</sup> December, 2022 to 03<sup>rd</sup> January, 2023  
**Sample Condition** : Sample was received in good condition.  
**Other information** : The labelled age grade of the item(s): 3+  
The item(s) was/ were tested for the age of over 3 Years.

For and on behalf of  
TÜV Rheinland (India) Pvt. Ltd



**Manokamna mishra**  
Technical Executive (Soft lines)

Test result is drawn according to the kind and extent of tests performed. The laboratory employs simple acceptance rule in making pass or fail decisions on test results with no guard band. This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.



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**Conclusion:**

Test Property	Conclusion
EN 71-1:2014+A1:2018 Safety of toys - Part 1: Mechanical and physical properties	PASS
EN 71-2:2020 Safety of toys - Part 2: Flammability	PASS
EN 71-3:2019+A1:2021- Migration of certain elements	PASS
Cadmium Content	PASS
Primary aromatic amines(EN 71-9:2005+A1:2007/ EN 71-10:2005/ EN 71-11:2005)	PASS
Colorants(EN 71-9:2005+A1:2007/ EN 71-10:2005/ EN 71-11:2005)	PASS
Preservatives(EN 71-9:2005+A1:2007/ EN 71-10:2005/ EN 71-11:2005)#	PASS

Remark: Testing has been performed as per applicant request

# Marked test result has been subcontracted to TÜV Rheinland Hong Kong Ltd.

*Note - Accredited test are report with NABL Symbol.*

**Discipline**

NABL – Mechanical/Chemical Testing

**Group**

Toys and similar products/ Toys and similar products

**REMARKS:** THIS REPORT NO 0222437705 REV-3 IS AMENDMENT TO REPORT NO 0222437705 REV-2 DATED 08<sup>th</sup> MAY, 2023. AND THIS REPORT SUPERSEDES THE EARLIER ISSUED REPORT THE TEST REPORT NO. 0222437705 REV-2 DATED 08<sup>th</sup> MAY, 2023. HAS BEEN REVISED TO ADD MODLE NO. AS PER APPICANT REQUSET.



**Material list:**

Material No.	Description	Color	Sample Description	Material used
M001	Plastic	Orange	Mould	Plastic (For Migration of certain elements test Refer Result 1)
M002	Plastic	Yellow	Mould	Plastic (For Migration of certain elements test Refer Result 2)
M003	Plastic	Pink	Mould	Plastic (For Migration of certain elements test Refer Result 3)
M004	Plastic	Green	Mould	Plastic (For Migration of certain elements test Refer Result 4)
M005	Plastic	Blue	Mould	Plastic (For Migration of certain elements test Refer Result 5)
M006	Clay	Black	Clay	Clay (For Migration of certain elements test Refer Result 6, Cadmium Content test Refer Result 18, Primary aromatic amines test Refer Result 22, Colourants test Refer Result 34 Preservatives Refer Result 46)
M007	Clay	Turq	Clay	Clay (For Migration of certain elements test Refer Result 7, Cadmium Content test Refer Result 18, Primary aromatic amines test Refer Result 23, Colourants test Refer Result 35 Preservatives Refer Result 46)
M008	Clay	Blue	Clay	Clay (For Migration of certain elements test Refer Result 8, Cadmium Content test Refer Result 18, Primary aromatic amines test Refer Result 24, Colourants test Refer Result 36 Preservatives Refer Result 46)
M009	Clay	Pink	Clay	Clay (For Migration of certain elements test Refer Result 9, Cadmium Content test Refer Result 19, Primary aromatic amines test Refer Result 25, Colourants test Refer Result 37 Preservatives Refer Result 47)
M010	Clay	Brown	Clay	Clay (For Migration of certain elements test Refer Result 10, Cadmium Content test Refer Result 19, Primary aromatic amines test Refer Result 26, Colourants test Refer Result 38 Preservatives Refer Result 47)
M011	Clay	Dark Blue	Clay	Clay



				(For Migration of certain elements test Refer Result 11, Cadmium Content test Refer Result 19, Primary aromatic amines test Refer Result 27, Colourants test Refer Result 39 Preservatives Refer Result 47
M012	Clay	Purple	Clay	Clay (For Migration of certain elements test Refer Result 12, Cadmium Content test Refer Result 20, Primary aromatic amines test Refer Result 28, Colourants test Refer Result 40 Preservatives Refer Result 48
M013	Clay	Green	Clay	Clay (For Migration of certain elements test Refer Result 13, Cadmium Content test Refer Result 20, Primary aromatic amines test Refer Result 29, Colourants test Refer Result 41 Preservatives Refer Result 48
M014	Clay	Red	Clay	Clay (For Migration of certain elements test Refer Result 14, Cadmium Content test Refer Result 20, Primary aromatic amines test Refer Result 30, Colourants test Refer Result 42 Preservatives Refer Result 48
M015	Clay	Orange	Clay	Clay (For Migration of certain elements test Refer Result 15, Cadmium Content test Refer Result 21, Primary aromatic amines test Refer Result 31, Colourants test Refer Result 43 Preservatives Refer Result 49
M016	Clay	Yellow	Clay	Clay (For Migration of certain elements test Refer Result 16, Cadmium Content test Refer Result 21, Primary aromatic amines test Refer Result 32, Colourants test Refer Result 44 Preservatives Refer Result 49
M017	Clay	White	Clay	Clay (For Migration of certain elements test Refer Result 17, Cadmium Content test Refer Result 21, Primary aromatic amines test Refer Result 33, Colourants test Refer Result 45 Preservatives Refer Result 49



**Test Results:**

<b>Mechanical Hazard Toys: (EN 71-1:2014+A1:2018)</b>	
<b>Sample Description- Modelling Clay (Plasticine) and Plastic Mould</b>	
<b>Age grading</b>	<b>Labeled: 3+</b>
	<b>For testing : 3 Years+</b>

<b>SUBCLAUSE</b>	<b>REQUIREMENT</b>	<b>RESULT</b>
<b>4</b>	<b>General requirements</b>	
4.1	Material cleanliness	Pass
4.2	Assembly	Not Applicable
4.3	Flexible plastic sheeting	Not Applicable
4.4	Toy bags	Not Applicable
4.5	Glass	Not Applicable
4.6	Expanding materials	Not Applicable
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
4.9	Protruding parts	Not Applicable
4.10	Parts moving against each other	Not Applicable
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	Not Applicable
4.12	Balloons	Not Applicable
4.13	Cords of toy kites and other flying toys	Not Applicable
4.14	Enclosures	Not Applicable
4.15	Toys intended to bear the mass of a child	Not Applicable
4.16	Heavy immobile toys	Not Applicable
4.17	Projectile toys	Not Applicable
4.18	Aquatic toys and inflatable toys	Not Applicable
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	Not Applicable
4.20	Acoustics	Not Applicable
4.21	Toys containing a non-electrical heat source	Not Applicable



4.22	Small balls	Not Applicable
4.23	Magnets	Not Applicable
4.24	Yo-yo balls	Not Applicable
4.25	Toys attached to food	Not Applicable
4.26	Toy disguise costumes	Not Applicable
4.27	Flying toys	Not Applicable
<b>5</b>	<b>Toys intended for children under 36 months</b>	
5.1	General requirements	Not Applicable
5.2	Soft-filled toys and soft-filled parts of a toy	Not Applicable
5.3	Plastic sheeting	Not Applicable
5.4	Cords, chains and electrical cables in toys	Not Applicable
5.5	Liquid-filled toys	Not Applicable
5.6	Speed limitation of electrically-driven ride-on toys	Not Applicable
5.7	Glass and porcelain	Not Applicable
5.8	Shape and size of certain toys	Not Applicable
5.9	Toys comprising monofilament fibres	Not Applicable
5.10	Small balls	Not Applicable
5.11	Play figures	Not Applicable
5.12	Hemispheric- shaped toys	Not Applicable
5.13	Suction cups	Not Applicable
5.14	Straps intended to be worn fully or partially around the neck	Not Applicable
5.15	Sledges with cords for pulling	Not Applicable
<b>6</b>	<b>Packaging</b>	Not Applicable
<b>7</b>	<b>Warnings, markings and instructions for use</b>	
7.1	General	Pass
7.2	Toys not intended for children under 36 months	Pass
7.3	Latex balloons	Not Applicable



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7.4	Aquatic toys	Not Applicable
7.5	Functional toys	Not Applicable
7.6	Hazardous sharp functional edges and points	Not Applicable
7.7	Projectile toys	Not Applicable
7.8	Imitation protective masks and helmets	Not Applicable
7.9	Toy kites	Not Applicable
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	Not Applicable
7.11	Toys otherwise intended to be strung across a cradle, cot, or perambulator	Not Applicable
7.12	Liquid-filled teethingers	Not Applicable
7.13	Percussion caps specifically designed for use in toys	Not Applicable
7.14	Acoustics	Not Applicable
7.15	Toy bicycles	Not Applicable
7.16	Toys intended to bear the mass of a child	Not Applicable
7.17	Toys comprising monofilament fibres	Not Applicable
7.18	Toy scooters	Not Applicable
7.19	Rocking horses and similar toys	Not Applicable
7.20	Magnetic/ electrical experimental sets	Not Applicable
7.21	Toys with electrical cables exceeding 300 mm in length	Not Applicable
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	Not Applicable
7.23	Toys intended to be attached to a cradle, cot or perambulator	Not Applicable
7.24	Sledges with cords for pulling	Not Applicable
7.25	Flying toys	Not Applicable
7.26	Improvised projectiles	Not Applicable

Remarks: - Warning, Marking and instruction for use have been checked in English language. We remind you that all information supplied with toy shall be written in language of country of destination.



**Toys Flammability: (EN 71-2:2020)**

**Sample Description** | **Modelling Clay (Plasticine) and Plastic Mould**

SUBCLAUSE	REQUIREMENT	RESULT
4.1	General requirent	Pass
4.2	Toys to be worn on the head	Not Applicable
4.3	Toy disguise costumes and toys intended to be worn by child in play	Not Applicable
4.4	Toys intended to be entered by a child	Not Applicable
4.5	Soft-filled Toys	Not Applicable



**Migration of certain elements**

Test Method: EN 71 - 3: 2019+A1:2021

**Sample Description: - Modelling Clay (Plasticine) and Plastic Mould**

**Test Result:**

Element	Method detection Limit(mg/kg)	Result 1 (mg/kg)	Result 2 (mg/kg)	Result 3 (mg/kg)	Requirement Maximum Limit (mg/kg)
Aluminum	10	n.d.	n.d.	n.d.	28130
Antimony	10	n.d.	n.d.	n.d.	560
Arsenic	10	n.d.	n.d.	n.d.	47
Barium	10	n.d.	n.d.	n.d.	18750
Boron	10	n.d.	n.d.	n.d.	15000
Cadmium	10	n.d.	n.d.	n.d.	17
Chromium (III)	10	n.d.	n.d.	n.d.	460
Chromium (VI)	0.05	n.d.	n.d.	n.d.	0.053
Cobalt	10	n.d.	n.d.	n.d.	130
Copper	10	n.d.	n.d.	n.d.	7700
Lead	10	n.d.	n.d.	n.d.	23
Managanese	10	n.d.	n.d.	n.d.	15000
Mercury	10	n.d.	n.d.	n.d.	94
Nickel	10	n.d.	n.d.	n.d.	930
Selenium	10	n.d.	n.d.	n.d.	460
Strontium	10	n.d.	n.d.	n.d.	56000
Tin	5	n.d.	n.d.	n.d.	180000
Zinc	10	n.d.	n.d.	n.d.	46000
Organic Tin	5	n.d.	n.d.	n.d.	12

Element	Method detection Limit(mg/kg)	Result 4 (mg/kg)	Result 5 (mg/kg)	Requirement Maximum Limit (mg/kg)
Aluminum	10	n.d.	n.d.	28130
Antimony	10	n.d.	n.d.	560
Arsenic	10	n.d.	n.d.	47
Barium	10	n.d.	n.d.	18750
Boron	10	n.d.	n.d.	15000
Cadmium	10	n.d.	n.d.	17



Chromium (III)	10	n.d.	n.d.		460
Chromium (VI)	0.05	n.d.	n.d.		0.053
Cobalt	10	n.d.	n.d.		130
Copper	10	n.d.	n.d.		7700
Lead	10	n.d.	n.d.		23
Managanese	10	n.d.	n.d.		15000
Mercury	10	n.d.	n.d.		94
Nickel	10	n.d.	n.d.		930
Selenium	10	n.d.	n.d.		460
Strontium	10	n.d.	n.d.		56000
Tin	5	n.d.	n.d.		180000
Zinc	10	n.d.	n.d.		46000
Organic Tin	5	n.d.	n.d.		12
<b>Element</b>	<b>Method detection Limit(mg/kg)</b>	<b>Result 6 (mg/kg)</b>	<b>Result 7 (mg/kg)</b>	<b>Result 8 (mg/kg)</b>	<b>Requirement Maximum Limit (mg/kg)</b>
Aluminum	10	30	n.d.	23	2250
Antimony	5	n.d.	n.d.	n.d.	45
Arsenic	0.1	n.d.	n.d.	n.d.	3.8
Barium	10	n.d.	n.d.	n.d.	1500
Boron	10	n.d.	n.d.	n.d.	1200
Cadmium	0.1	n.d.	n.d.	n.d.	1.3
Chromium (III)	5	n.d.	n.d.	n.d.	37.5
Chromium (VI)	0.005	n.d.	n.d.	n.d.	0.02
Cobalt	0.5	n.d.	n.d.	n.d.	10.5
Copper	10	n.d.	n.d.	n.d.	622.5
Lead	0.5	n.d.	n.d.	n.d.	2.0
Maganese	10	n.d.	n.d.	n.d.	1200
Mercury	0.5	n.d.	n.d.	n.d.	7.5
Nickel	5	n.d.	n.d.	n.d.	75
Selenium	5	n.d.	n.d.	n.d.	37.5
Strontium	10	n.d.	n.d.	n.d.	4500
Tin	5	n.d.	n.d.	n.d.	15000
Zinc	10	n.d.	n.d.	n.d.	3750
Organic Tin	0.05	n.d.	n.d.	n.d.	0.9



Element	Method detection Limit(mg/kg)	Result 9 (mg/kg)	Result 10 (mg/kg)	Result 11 (mg/kg)	Requirement Maximum Limit (mg/kg)
Aluminum	10	n.d.	12	n.d.	2250
Antimony	5	n.d.	n.d.	n.d.	45
Arsenic	0.1	n.d.	n.d.	n.d.	3.8
Barium	10	n.d.	n.d.	n.d.	1500
Boron	10	n.d.	n.d.	n.d.	1200
Cadmium	0.1	n.d.	n.d.	n.d.	1.3
Chromium (III)	5	n.d.	n.d.	n.d.	37.5
Chromium (VI)	0.00	n.d.	n.d.	n.d.	0.02
Cobalt	0.5	n.d.	n.d.	n.d.	10.5
Copper	10	n.d.	n.d.	n.d.	622.5
Lead	0.5	n.d.	n.d.	n.d.	2.0
Managanese	10	n.d.	n.d.	n.d.	1200
Mercury	0.5	n.d.	n.d.	n.d.	7.5
Nickel	5	n.d.	n.d.	n.d.	75
Selenium	5	n.d.	n.d.	n.d.	37.5
Strontium	10	n.d.	n.d.	n.d.	4500
Tin	5	n.d.	n.d.	n.d.	15000
Zinc	10	n.d.	n.d.	n.d.	3750
Organic Tin	0.05	n.d.	n.d.	n.d.	0.9

Element	Method detection Limit(mg/kg)	Result 12 (mg/kg)	Result 13 (mg/kg)	Result 14 (mg/kg)	Requirement Maximum Limit (mg/kg)
Aluminum	10	18	25	509	2250
Antimony	5	n.d.	n.d.	n.d.	45
Arsenic	0.1	n.d.	n.d.	n.d.	3.8
Barium	10	n.d.	n.d.	n.d.	1500
Boron	10	n.d.	n.d.	n.d.	1200
Cadmium	0.1	n.d.	n.d.	n.d.	1.3
Chromium (III)	5	n.d.	n.d.	n.d.	37.5
Chromium (VI)	0.00	n.d.	n.d.	n.d.	0.02
Cobalt	0.5	n.d.	n.d.	n.d.	10.5
Copper	10	n.d.	n.d.	n.d.	622.5
Lead	0.5	n.d.	n.d.	n.d.	2.0



Managanese	10	n.d.	n.d.	n.d.	1200
Mercury	0.5	n.d.	n.d.	n.d.	7.5
Nickel	5	n.d.	n.d.	n.d.	75
Selenium	5	n.d.	n.d.	n.d.	37.5
Strontium	10	n.d.	n.d.	n.d.	4500
Tin	5	n.d.	n.d.	n.d.	15000
Zinc	10	n.d.	n.d.	n.d.	3750
Organic Tin	0.05	n.d.	n.d.	n.d.	0.9

Element	Method detection Limit(mg/kg)	Result 15 (mg/kg)	Result 16 (mg/kg)	Result 17 (mg/kg)	Requirement Maximum Limit (mg/kg)
Aluminum	10	n.d.	14	n.d.	2250
Antimony	5	n.d.	n.d.	n.d.	45
Arsenic	0.1	n.d.	n.d.	n.d.	3.8
Barium	10	n.d.	n.d.	n.d.	1500
Boron	10	n.d.	n.d.	n.d.	1200
Cadmium	0.1	n.d.	n.d.	n.d.	1.3
Chromium (III)	5	n.d.	n.d.	n.d.	37.5
Chromium (VI)	0.00	n.d.	n.d.	n.d.	0.02
Cobalt	0.5	n.d.	n.d.	n.d.	10.5
Copper	10	n.d.	n.d.	n.d.	622.5
Lead	0.5	n.d.	n.d.	n.d.	2.0
Managanese	10	n.d.	n.d.	n.d.	1200
Mercury	0.5	n.d.	n.d.	n.d.	7.5
Nickel	5	n.d.	n.d.	n.d.	75
Selenium	5	n.d.	n.d.	n.d.	37.5
Strontium	10	n.d.	n.d.	n.d.	4500
Tin	5	n.d.	n.d.	n.d.	15000
Zinc	10	n.d.	n.d.	n.d.	3750
Organic Tin	0.05	n.d.	n.d.	n.d.	0.9



**Cadmium Content : Method : EN1122:2001**

mg/kg = milligram per kilogram

**Detection Limit (ppm) :10**

**Sample Description : - Modelling Clay (Plasticine) and Plastic Mould**

<u>Sample</u>	<u>Result (ppm)</u>	<u>Requirement (ppm)</u>
Result 18	Not Detected	100
Result 19	Not Detected	
Result 20	Not Detected	
Result 21	Not Detected	

Primary aromatic amines : EN 71-9:2005+A1:2007/ EN 71-10:2005/ EN 71-11:2005							
Sample Description : - Modelling Clay (Plasticine) and Plastic Mould							
S. No.	Name of Amines	CAS-NO.	Detection Limit (mg/kg)	Result 22 (mg/kg)	Result 23 (mg/kg)	Result 24 (mg/kg)	Requirement (mg/kg)
1	Benzidine	92-87-5	5	Not detected	Not detected	Not detected	Not detected
2	2-Naphthylamine	91-59-8	5	Not detected	Not detected	Not detected	
3	4-Chloroaniline	106-47-8	5	Not detected	Not detected	Not detected	
4	3,3'-Dichlorobenzidine	91-94-1	5	Not detected	Not detected	Not detected	
5	3,3'-Dimethoxybenzidine	119-90-4	5	Not detected	Not detected	Not detected	
6	3,3'-Dimethylbenzidine	119-93-7	5	Not detected	Not detected	Not detected	
7	o-Toluidine	95-53-4	5	Not detected	Not detected	Not detected	
8	2-Methoxyaniline (o-Anisidine)	90-04-0	5	Not detected	Not detected	Not detected	
9	Aniline	62-53-3	5	Not detected	Not detected	Not detected	
S. No.	Name of Amines	CAS-NO.	Detection Limit (mg/kg)	Result 25 (mg/kg)	Result 26 (mg/kg)	Result 27 (mg/kg)	Requirement (mg/kg)
1	Benzidine	92-87-5	5	Not detected	Not detected	Not detected	Not detected
2	2-Naphthylamine	91-59-8	5	Not detected	Not detected	Not detected	
3	4-Chloroaniline	106-47-8	5	Not detected	Not detected	Not detected	
4	3,3'-Dichlorobenzidine	91-94-1	5	Not detected	Not detected	Not detected	
5	3,3'-Dimethoxybenzidine	119-90-4	5	Not detected	Not detected	Not detected	
6	3,3'-Dimethylbenzidine	119-93-7	5	Not detected	Not detected	Not detected	
7	o-Toluidine	95-53-4	5	Not detected	Not detected	Not detected	
8	2-Methoxyaniline (o-Anisidine)	90-04-0	5	Not detected	Not detected	Not detected	
9	Aniline	62-53-3	5	Not detected	Not detected	Not detected	
S. No.	Name of Amines	CAS-NO.	Detection Limit (mg/kg)	Result 28 (mg/kg)	Result 29 (mg/kg)	Result 30 (mg/kg)	Requirement (mg/kg)
1	Benzidine	92-87-5	5	Not detected	Not detected	Not detected	Not detected
2	2-Naphthylamine	91-59-8	5	Not detected	Not detected	Not detected	
3	4-Chloroaniline	106-47-8	5	Not detected	Not detected	Not detected	
4	3,3'-Dichlorobenzidine	91-94-1	5	Not detected	Not detected	Not detected	
5	3,3'-Dimethoxybenzidine	119-90-4	5	Not detected	Not detected	Not detected	
6	3,3'-Dimethylbenzidine	119-93-7	5	Not detected	Not detected	Not detected	
7	o-Toluidine	95-53-4	5	Not detected	Not detected	Not detected	
8	2-Methoxyaniline (o-Anisidine)	90-04-0	5	Not detected	Not detected	Not detected	
9	Aniline	62-53-3	5	Not detected	Not detected	Not detected	
S. No.	Name of Amines	CAS-NO.	Detection Limit (mg/kg)	Result 31 (mg/kg)	Result 32 (mg/kg)	Result 33 (mg/kg)	Requirement (mg/kg)
1	Benzidine	92-87-5	5	Not detected	Not detected	Not detected	Not detected
2	2-Naphthylamine	91-59-8	5	Not detected	Not detected	Not detected	
3	4-Chloroaniline	106-47-8	5	Not detected	Not detected	Not detected	
4	3,3'-Dichlorobenzidine	91-94-1	5	Not detected	Not detected	Not detected	
5	3,3'-Dimethoxybenzidine	119-90-4	5	Not detected	Not detected	Not detected	
6	3,3'-Dimethylbenzidine	119-93-7	5	Not detected	Not detected	Not detected	
7	o-Toluidine	95-53-4	5	Not detected	Not detected	Not detected	
8	2-Methoxyaniline (o-Anisidine)	90-04-0	5	Not detected	Not detected	Not detected	
9	Aniline	62-53-3	5	Not detected	Not detected	Not detected	

<b>Colourants</b>							
<b>EN 71-9:2005+A1:2007/ EN 71-10:2005/ EN 71-11:2005</b>							
<b>Sample Description : - Modelling Clay (Plasticine) and Plastic Mould</b>							
<b>S. No.</b>	<b>Colour Index Name</b>	<b>CAS-NO.</b>	<b>Detection Limit (mg/kg)</b>	<b>Result(34) (mg/kg)</b>	<b>Result(35) (mg/kg)</b>	<b>Result(36) (mg/kg)</b>	<b>Requirement (mg/kg)</b>
1	Disperse Blue 1	2475-45-8	10	Not detected	Not detected	Not detected	Not detected
2	Disperse Blue 3	2475-46-9	10	Not detected	Not detected	Not detected	
3	Disperse Blue 106	12223-01-7	10	Not detected	Not detected	Not detected	
4	Disperse Blue 124	61951-51-7	10	Not detected	Not detected	Not detected	
5	Disperse Yellow 3	2832-40-8	10	Not detected	Not detected	Not detected	
6	Disperse Orange 3	730-40-5	10	Not detected	Not detected	Not detected	
7	Disperse Orange 37/76	12223-33-5 13301-61-6	10	Not detected	Not detected	Not detected	
8	Disperse Red 1	2872-52-8	10	Not detected	Not detected	Not detected	
9	Solvent Yellow 1	60-09-3	10	Not detected	Not detected	Not detected	
10	Solvent Yellow 2	60-11-7	10	Not detected	Not detected	Not detected	
11	Solvent Yellow 3	97-56-3	10	Not detected	Not detected	Not detected	
12	Basic Red 9	569-61-9	10	Not detected	Not detected	Not detected	
13	Basic Violet 1	8004-87-3	10	Not detected	Not detected	Not detected	
14	Basic Violet 3	548-62-9	10	Not detected	Not detected	Not detected	
15	Acid Red 26	3761-53-3	10	Not detected	Not detected	Not detected	
16	Acid Violet 49	1694-09-3	10	Not detected	Not detected	Not detected	
<b>S. No.</b>	<b>Colour Index Name</b>	<b>CAS-NO.</b>	<b>Detection Limit (mg/kg)</b>	<b>Result(37) (mg/kg)</b>	<b>Result(38) (mg/kg)</b>	<b>Result(39) (mg/kg)</b>	<b>Requirement (mg/kg)</b>
1	Disperse Blue 1	2475-45-8	10	Not detected	Not detected	Not detected	Not detected
2	Disperse Blue 3	2475-46-9	10	Not detected	Not detected	Not detected	
3	Disperse Blue 106	12223-01-7	10	Not detected	Not detected	Not detected	
4	Disperse Blue 124	61951-51-7	10	Not detected	Not detected	Not detected	
5	Disperse Yellow 3	2832-40-8	10	Not detected	Not detected	Not detected	
6	Disperse Orange 3	730-40-5	10	Not detected	Not detected	Not detected	
7	Disperse Orange 37/76	12223-33-5 13301-61-6	10	Not detected	Not detected	Not detected	
8	Disperse Red 1	2872-52-8	10	Not detected	Not detected	Not detected	
9	Solvent Yellow 1	60-09-3	10	Not detected	Not detected	Not detected	
10	Solvent Yellow 2	60-11-7	10	Not detected	Not detected	Not detected	
11	Solvent Yellow 3	97-56-3	10	Not detected	Not detected	Not detected	
12	Basic Red 9	569-61-9	10	Not detected	Not detected	Not detected	
13	Basic Violet 1	8004-87-3	10	Not detected	Not detected	Not detected	
14	Basic Violet 3	548-62-9	10	Not detected	Not detected	Not detected	
15	Acid Red 26	3761-53-3	10	Not detected	Not detected	Not detected	
16	Acid Violet 49	1694-09-3	10	Not detected	Not detected	Not detected	
<b>S. No.</b>	<b>Colour Index Name</b>	<b>CAS-NO.</b>	<b>Detection Limit (mg/kg)</b>	<b>Result(40) (mg/kg)</b>	<b>Result(41) (mg/kg)</b>	<b>Result(42) (mg/kg)</b>	<b>Requirement (mg/kg)</b>
1	Disperse Blue 1	2475-45-8	10	Not detected	Not detected	Not detected	Not detected
2	Disperse Blue 3	2475-46-9	10	Not detected	Not detected	Not detected	
3	Disperse Blue 106	12223-01-7	10	Not detected	Not detected	Not detected	
4	Disperse Blue 124	61951-51-7	10	Not detected	Not detected	Not detected	

5	Disperse Yellow 3	2832-40-8	10	Not detected	Not detected	Not detected	
6	Disperse Orange 3	730-40-5	10	Not detected	Not detected	Not detected	
7	Disperse Orange 37/76	12223-33-5 13301-61-6	10	Not detected	Not detected	Not detected	
8	Disperse Red 1	2872-52-8	10	Not detected	Not detected	Not detected	
9	Solvent Yellow 1	60-09-3	10	Not detected	Not detected	Not detected	
10	Solvent Yellow 2	60-11-7	10	Not detected	Not detected	Not detected	
11	Solvent Yellow 3	97-56-3	10	Not detected	Not detected	Not detected	
12	Basic Red 9	569-61-9	10	Not detected	Not detected	Not detected	
13	Basic Violet 1	8004-87-3	10	Not detected	Not detected	Not detected	
14	Basic Violet 3	548-62-9	10	Not detected	Not detected	Not detected	
15	Acid Red 26	3761-53-3	10	Not detected	Not detected	Not detected	
16	Acid Violet 49	1694-09-3	10	Not detected	Not detected	Not detected	
S. No.	Colour Index Name	CAS-NO.	Detection Limit (mg/kg)	Result(43) (mg/kg)	Result(44) (mg/kg)	Result(45) (mg/kg)	Requirement (mg/kg)
1	Disperse Blue 1	2475-45-8	10	Not detected	Not detected	Not detected	Not detected
2	Disperse Blue 3	2475-46-9	10	Not detected	Not detected	Not detected	
3	Disperse Blue 106	12223-01-7	10	Not detected	Not detected	Not detected	
4	Disperse Blue 124	61951-51-7	10	Not detected	Not detected	Not detected	
5	Disperse Yellow 3	2832-40-8	10	Not detected	Not detected	Not detected	
6	Disperse Orange 3	730-40-5	10	Not detected	Not detected	Not detected	
7	Disperse Orange 37/76	12223-33-5 13301-61-6	10	Not detected	Not detected	Not detected	
8	Disperse Red 1	2872-52-8	10	Not detected	Not detected	Not detected	
9	Solvent Yellow 1	60-09-3	10	Not detected	Not detected	Not detected	
10	Solvent Yellow 2	60-11-7	10	Not detected	Not detected	Not detected	
11	Solvent Yellow 3	97-56-3	10	Not detected	Not detected	Not detected	
12	Basic Red 9	569-61-9	10	Not detected	Not detected	Not detected	
13	Basic Violet 1	8004-87-3	10	Not detected	Not detected	Not detected	
14	Basic Violet 3	548-62-9	10	Not detected	Not detected	Not detected	
15	Acid Red 26	3761-53-3	10	Not detected	Not detected	Not detected	
16	Acid Violet 49	1694-09-3	10	Not detected	Not detected	Not detected	

EN 71-9:2005+A1:2007; EN 71-10 and -11:2005 Table 2H Preservatives (other than wood preservatives)							
Test Method: EN 71-10 and -11:2005 for Table 2H Preservatives (other than wood preservatives)							
Result.					46	47	48
Material No.					M006+M007+ M008	M009+M010+ M011	M012+M013+ M014
Test Parameter	CAS No.	Unit	RL	Regulatory Requirement	Result	Result	Result
Phenol	108-95-2	mg/kg	10	10 (Action Limit)	n.d.	n.d.	n.d.
1,2-Benzylisothiazolin-3-one	2634-33-5	mg/kg	5	10 (Action Limit)	n.d.	n.d.	n.d.
2-Methyl-4-isothiazolin-3-one	2682-20-4	mg/kg	10	10	n.d.	n.d.	n.d.
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	mg/kg	10	10	n.d.	n.d.	n.d.
5-Chloro-2-methyl-4-isothiazolin-3-one + 2-Methyl-4-isothiazolin-3-one	Various	mg/kg	15	15	n.d.	n.d.	n.d.
Formaldehyde (free)	50-00-00	%	0.05	0.05	n.d.	n.d.	n.d.
Result.					49		
Material No.					M015+M016+M017		
Test Parameter	CAS No.	Unit	RL	Regulatory Requirement	Result		
Phenol	108-95-2	mg/kg	10	10 (Action Limit)	n.d.		
1,2-Benzylisothiazolin-3-one	2634-33-5	mg/kg	5	10 (Action Limit)	n.d.		
2-Methyl-4-isothiazolin-3-one	2682-20-4	mg/kg	10	10	n.d.		
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	mg/kg	10	10	n.d.		
5-Chloro-2-methyl-4-isothiazolin-3-one + 2-Methyl-4-isothiazolin-3-one	Various	mg/kg	15	15	n.d.		
Formaldehyde (free)	50-00-00	%	0.05	0.05	n.d.		

Sample Photo

			
<p><b>Tested Sample</b></p>		<p><b>Tested Sample</b></p>	
			
<p><b>MC100R8M4T</b></p>	<p><b>MC150R12M4T</b></p>	<p><b>MC180R12M4T</b></p>	<p><b>MC200R16M4T</b></p>
			
<p><b>MC250S18M4T</b></p>	<p><b>MC300R24M4T</b></p>	<p><b>MC100R8M4TR</b></p>	<p><b>MC150R12M4TR</b></p>
			
<p><b>MC180R12M4TR</b></p>	<p><b>MC200R16M4TR</b></p>	<p><b>MC250S18M4TR</b></p>	<p><b>MC300R24M4TR</b></p>
			
<p><b>MC100R8H4T</b></p>	<p><b>MC150R12H4T</b></p>	<p><b>MC180R12H4T</b></p>	<p><b>MC200R16H4</b></p>

			
<b>MC250R18H4T</b>	<b>MC300R24H4T</b>	<b>MC100R8H4TR</b>	<b>MC150R12H4TR</b>
			
<b>MC180R12H4TR</b>	<b>MC200R16H4TR</b>	<b>MC250R18H4TR</b>	<b>MC300R24H4TR</b>
			
<b>MC75R6P2T</b>	<b>MC150R12P2T</b>	<b>MC40S6B</b>	<b>MC90S6B</b>
			
<b>MC90R6B</b>	<b>MC120R8B</b>	<b>MC150R10B</b>	<b>MC80R12B</b>
			
<b>MC180R12B</b>	<b>MC360R24B</b>	<b>MC40R6B2T</b>	<b>MC90R6B4T</b>

			
<b><u>MC120R8B3T</u></b>	<b><u>MC150R10B4T</u></b>	<b><u>MC80R12B3T</u></b>	<b><u>MC180R12B4T</u></b>
			
<b><u>MC180R12-6BN6T</u></b>	<b><u>MC240R16B6T</u></b>	<b><u>MC180R12B8T</u></b>	<b><u>MC40R6B4TR</u></b>
			
<b><u>MC90R6B4TR</u></b>	<b><u>MC120R8B3TR</u></b>	<b><u>MC150R10B4TR</u></b>	<b><u>MC80R12B3TR</u></b>
			
<b><u>MC180R12B4TR</u></b>	<b><u>MC100S2B</u></b>	<b><u>MC200S4B</u></b>	<b><u>MC100S2B2T</u></b>

			
<b>MC200S4B4T</b>	<b>MC100S2B2TR</b>	<b>MC200S4B4TR</b>	<b>MC90R6BN</b>
			
<b>MC100S2BN</b>	<b>MC200S4BN</b>	<b>MC40R6</b>	<b>MC50R8</b>
			
<b>MC60R10</b>	<b>MC75R12</b>	<b>MC40R6C</b>	<b>MC80R12C</b>
			
<b>MC90R6C</b>	<b>MC120R8C</b>	<b>MC150R10C</b>	<b>MC180R12C</b>
			
<b>MC90R6CN</b>	<b>MC90S6C</b>	<b>MC360R24C</b>	<b>MC360R6CJ</b>

			
<b><u>MC37R6P-48</u></b>	<b><u>MC75R6P-24</u></b>	<b><u>MC100R8P-18</u></b>	<b><u>MC120R10P-15</u></b>
			
<b><u>MC75R12P-24</u></b>	<b><u>MC150R12P-12</u></b>	<b><u>MC500S10P</u></b>	<b><u>MC1200S24P</u></b>
			
<b><u>MC1800S36P-36</u></b>	<b><u>MC1200R12P</u></b>	<b><u>MC2400S24P</u></b>	<b><u>MC2400S12P</u></b>
 50 e	 50 e	 100 e	 200 e
<b><u>MC600S12D</u></b>	<b><u>MC1200S24D</u></b>	<b><u>MC1200S12D</u></b>	<b><u>MC2400S12D</u></b>
			
<b><u>MC2000S4D</u></b>	<b><u>MC12000S24D12</u></b>	<b><u>MC12000S24D1</u></b>	<b><u>MC12000S24D6R</u></b>
		 15 - 20 e      Dia. 1.5mm	
<b><u>MC12000S24D6N</u></b>	<b><u>MC100R6P</u></b>	<b><u>MC200R12P</u></b>	<b><u>MC300R12P</u></b>

 <p>40 - 45g e Dia. 20mm</p>	 <p>60 - 65g e Dia. 25mm</p>	 <p>80 - 90g e Dia. 30mm</p>	 <p>80 - 90g e Dia. 30mm</p>
<p><b><u>MC500R12P</u></b></p>	<p><b><u>MC750R12P</u></b></p>	<p><b><u>MC1000R12P</u></b></p>	<p><b><u>MC1500R12P</u></b></p>
			
<p><b><u>MC2000R12P</u></b></p>	<p><b><u>P15TR</u></b></p>	<p><b><u>H10TR</u></b></p>	<p><b><u>M10T</u></b></p>
			
<p><b><u>P10T</u></b></p>	<p><b><u>B10T</u></b></p>		

-End of the Report--

