

THE NORTHERN TESTHOUSE LIMITED

Quality Assurance & Product Safety Testing

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EC Toy
Approved
Body
No. 0050.

Co. Registration No: 0549294

TEST CERTIFICATE

Product name / No. GRUB

I hereby certify that the 1 sample submitted by Ms
C Bradshaw of [redacted]
on 6th May, 2009 has been tested to, and found to
comply with,

EN71 (2005) +A6 Part 1 Physical & Mechanical
EN71 (2005) Part 1 Labelling
BS EN71 (2006) +A1 Part 2 Flammability
BS EN71 (1995) +A1 +AC1 Part 3 Toxicity

Signed

A handwritten signature in black ink, appearing to read 'R M North'.

R M NORTH
BSc (Hons)
MIQA.

Date : 15th May, 2009.

This statement forms the first sheet of the 7 page Test Report 29050611 that is attached and relates only to the sample(s) tested. A copy of Test Report 29050611 is held by TNTL.

TEST REPORTFor: GRUBApplicant

Ms C Bradshaw,

Tests requested

EN71 (2005) +A6 Part 1 Physical & Mechanical
 EN71 (2005) Part 1 Labelling
 BS EN71 (2006) +A1 Part 2 Flammability
 BS EN71 (1995) +A1 +AC1 Part 3 Toxicity.

Number of samples 1 received on 6th May, 2009.

Supplied loose, in visibly undamaged condition.

Product description

"Grub" game consisting of four coloured game boards, coloured card sections of food, three packs of true or false cards, a coloured sectional card with a green spinner arrow and a coloured instruction leaflet.

The box was marked "Age 5 +".

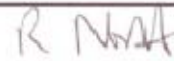
RESULTS

PASS EN71 (2005) +A6 Part 1 Physical & Mechanical
PASS EN71 (2005) Part 1 Labelling
PASS BS EN71 (2006) +A1 Part 2 Flammability
PASS BS EN71 (1995) +A1 +AC1 Part 3 Toxicity.

Prepared by R North

Date 15 May 2009

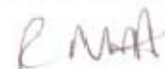
Signature



Authorised on behalf of TNTL
 by R North, Lab manager

Date 15 May 2009

Signature



Page 1 of 7 pages.

EN71 TEST SCHEDULE

<u>APPLICABLE</u>	<u>NOT APPLICABLE</u>	<u>NOT REQUESTED</u>
	PART 1 - PHYSICAL & MECHANICAL	
4.1. Material	4.2 Assembly 4.3 Flexible plastic sheeting 4.4 Toy bags 4.5 Glass 4.6 Expanding materials	
4.7 Edges		
4.8 Points and wires	4.9 Protruding parts 4.10 Parts moving against eachother 4.11 Mouth actuated toys 4.12 Balloons 4.13 Kite & flying toy cords 4.14 Enclosures 4.15 Intended to bear child's mass 4.16 Heavy immobile toys 4.17 Projectiles 4.18 Aquatic toys 4.19 Percussion caps and their toys 4.20 Acoustics 4.21 Toy with a heat source 4.22 Small balls	
	PART 1 - LABELLING	
7.1 Warnings & instructions 7.2 Toys not intended for under 3 7.3 - 19 Specific toys		
	PART 2 - FLAMMABILITY	
4.1. Banned flammable materials	4.2 Toys to be worn on the head 4.3 Disguise costumes & worn toys 4.4 Toys entered by child 4.5. Filled soft toys	
	PART 3 - TOXICITY	
8.1. Coatings 8.2. Non-textile polymers etc. 8.3. Paper and board	8.4. Textiles 8.5. Glass, ceramic, metal material 8.7. Materials leaving a trace 8.8. Pliable modelling materials 8.9. Paints etc, supplied as such	
8.6. Other materials		

EN71 PART 1 - PHYSICAL & MECHANICAL**4.1. Material****PASS**

The toy and its materials were visually clean and free from infestation.

4.7 Edges**PASS**

No accessible sharp edges or burrs were found.

4.8 Points and wires**PASS**

No wires or accessible sharp points were found.



EN71 PART 1 - LABELLING

7.1 Warnings & instructions

PASS

A correctly sized and shaped CE mark, trade name and address and an advice to note the details were present on the box.

7.2 Toys not intended for under 3

PASS

The box bore a small parts warning -

"WARNING: Not suitable for children under 3 years due to small parts."

that was clearly legible at the point of sale.

The arrow detached under a tensile force of 4 N and was a small part.

7.3 - 19 Specific toys

PASS

The toy was not of a type that requires a specific warning.

EN71 PART 2 - FLAMMABILITY

4.1. Banned flammable materials

PASS

No celluloid or material with the same behaviour in fire present.

No material with a pile surface present.

No extremely flammable, highly flammable or flammable prohibited materials were contained by the toy.

EN71 PART 3 - TOXICITY

8.1. Coatings

PASS

Large and small food wedges coatings
 Spinner board coating.
 Multicolour box coating.
 Game board coating.

The instructions printing inks were deposited on 116 gsm paper (i.e. less than 400 gsm) and so were not tested as coatings but as printed paper/card.

The "grub" card printing inks were deposited on 266 gsm card (i.e. less than 400 gsm) and so were not tested as coatings but as printed paper/card.

8.2. Non-textile polymers etc.

PASS

Green arrow plastic.

8.3. Paper and board

PASS

Multicolour grub card.
 Printed instructions paper.
 Yellow printed box insert card.
 White unprinted box insert card.

8.6. Other materials

PASS

Game board.
 Printed box card.

Method of test: As detailed in EN71-3 : 1994.

ANALYSIS RESULTS

Date of test: 14th May, 2009

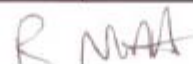
Samples marked * were sieved, those marked # were centrifuged. Details of additional acid required to lower pH and solvent used for extraction appear in [] in sample description.
 Deviations from standard method: pH of conventional polymers and textiles not checked; samples only filtered if required to prevent ICP blockages.
 Solid to acid extractant ratio exceeded 1:50 with sample weights below 100 mg and when additional acid was used to lower pH.
 Quantities of soluble metals determined by inductively coupled plasma spectrophotometry.
 All results are expressed in mg/Kg based on toy material after analytical correction factors have been applied.

	Metals	Lead	Cadmium	Arsenic	Antimony	Selenium	Mercury	Chromium	Barium
	Limits	90	75	25	60	500	60	60	1000
Sample description	Wt (mg)								
* [0.5g 2mol/l] Large food wedges coating	168	3	<1	<1	2	<1	<1	<1	6
* [0.5g 2mol/l] Small food wedges coating	174	3	<1	<1	2	2	<1	<1	4
* [0.5g 2mol/l] Spinner board coating	134	3	<1	<1	2	2	<1	<1	2
* [0.7g 2mol/l] Game board coating	206	3	<1	<1	2	<1	<1	<1	1
* [0.7g 2mol/l] Multicolour box coating	142	4	<1	<1	3	1	<1	1	2
Green arrow plastic	208	<1	<1	<1	<1	<1	<1	<1	<1
* [0.2g 2mol/l] Printed instructions paper	212	1	<1	<1	<1	2	<1	<1	<1
Yellow printed box insert card	204	<1	<1	<1	<1	<1	<1	<1	4
White unprinted box insert card	216	<1	<1	<1	<1	<1	<1	<1	<1
Muticolour grub card	208	<1	<1	<1	<1	<1	<1	<1	<1
Game board	234	1	<1	<1	<1	<1	<1	<1	11
Printed box card	202	1	<1	<1	<1	<1	<1	<1	15

Prepared by R North

Date 15 May 2009.

Signature



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