

# TEST REPORT

No.: ED191129078C004

Date: December 11, 2019

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**Applicant** : eKids, LLC. / KIDDESIGNS INC.  
**Address** : 1299, Main Street, Rahway, NJ 07065, U.S.A.  
**Sample Name** : NICKELODEON PAW PATROL HEADPHONES  
**Style/Item No.** : PW-V124, PW-V124.UEXv7 (PW-V302.11Xv0)  
**Supplier** : Shenzhen Inecan Electronic Co., Ltd.  
**Address** : A201, 54A, Puxia Road, Liuyue Village, Henggang Town, Longgang District, Shenzhen, Guangdong Province, China  
**Trade Mark** : DREAMWORKS  
**Destination** : EU  
**Country of Origin** : CHINA  
**Sample Received Date** : November 29, 2019  
**Testing Completed Date** : December 11, 2019

**Test Requested** : As requested by the client, according to the Entry 43 in Annex XVII of the REACH Regulation (EC) NO.1907/2006 and the Amendment NO.552/2009, to determine the aromatic amines contents released by reductive cleavage of Azocolourants/Azodyes in the submitted sample.

**Test Results** : Please refer to next page(s).

**Executive Summary:**

STANDARD	CONCLUSION
Entry 43 in Annex XVII of the REACH Regulation (EC) NO.1907/2006 and the Amendment NO.552/2009 (Formerly Known As Directive 2002/61/EC) – Azocolourants/Azodyes Requirement	PASS

Signed for and on behalf of  
EMTEK (Dongguan) Co., Ltd.

Prepared by: Kay  
Kay Li  
Report Engineer

Reviewed by: Carrie  
Carrie Zhang  
Supervisor

Approved by: Lisa Li  
Lisa Li  
Manager

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## Test Results:

Test Method : ① To refer to the standard EN14362-1:2017 & EN ISO 17234-1:2010, the analysis was performed by GC-MS.

② To refer to the standard EN14362-3:2017 & EN ISO 17234-2:2011, the 4-aminoazobezene content was detected by GC-MS (if available) \*.

Test Items	Test Result (mg/kg)	Reporting Limit (mg/kg)	Standard limit (mg/kg)
	1/2		
4-aminodiphenyl	ND	5	≤30
Benzidine	ND	5	≤30
4-chloro-o-toluidine	ND	5	≤30
2-naphthylamine	ND	5	≤30
o-aminoazotoluene	ND	5	≤30
2-amino-4-nitrotoluene	ND	5	≤30
p-chloroaniline	ND	5	≤30
2,4-diaminoanisole	ND	5	≤30
4,4'-diaminodiphenylmethane	ND	5	≤30
3,3'-dichlorobenzidine	ND	5	≤30
3,3'-dimethoxybenzidine	ND	5	≤30
3,3'-dimethylbenzidine	ND	5	≤30
3,3'-dimethyl-4,4'-diaminodiphenylmethane	ND	5	≤30
p-cresidine	ND	5	≤30
4,4'-methylene-bis-(2-chloroaniline)	ND	5	≤30
4,4'-oxydianiline	ND	5	≤30
4,4'-thiodianiline	ND	5	≤30
o-toluidine	ND	5	≤30
2,4-diaminotoluene	ND	5	≤30
2,4,5-trimethylaniline	ND	5	≤30
2-methoxyaniline	ND	5	≤30
4-aminoazobenzene *	ND	5	≤30
2,4-Xylidine	ND	5	≤30
2,6-Xylidine	ND	5	≤30

- Note: 1) mg/kg = part per million = ppm      ND = Not Detected (less than reporting limit value)
- 2) \* : Azo colorants that are able to form 4-aminoazobenzene, generate aniline and 1,4-phenylenediamine under the condition of test method ①. The presence of these colorants can not be confirmed by test method ①. The result of 4-aminoazobenzene shown will be analysed and confirmed by test method ②.
- 3) For this sample, the aniline and 1,4-phenylenediamine were not found.

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**Tested Materials:**

No.	Description
1	Yellow synthetic leather back with white fabric (earcap)
2	Red fabric (earcap)

Note: As specified by the client, the samples were subjected to mixed testing.

**Photo Appendix**



\* \* \* \* \* The End \* \* \* \* \*

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