Test Report No.: 68.418.25.9039.01
Dated: 2025-06-24

Applicant	:	Dongguan Monu Sports Technology Co., LTD 401, Building 4, STECH PARK, Shijing, Dongcheng Street, Dongguan City, Guangdong Province,China.
Attention	:	Bill Wong
Sample Description	:	Kids helmet
Style No. / Model No. / Design No.	:	HM019
Supplier/Manufacturer	:	Dongguan Monu Sports Technology Co., LTD
Country of Origin	:	China
Test Sample Receipt Date, Location	:	2025-06-17, Shenzhen
Test Period, Location	:	From 2025-06-17 to 2025-06-23, Shenzhen
Test Result(s)	:	Refer to Section 3

Laboratory:
TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park,
Guankou Erlu, Nantou, Nanshan District, Shenzhen, Guangdong, China

Phone : +86 755 8828 6998
Fax: +86 755 8828 5299
E-mail:info@tuvsud.com
Web : http://www.tuvsud.cn

Regd. Office:
TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park,
Guankou Erlu, Nantou, Nanshan District, Shenzhen, Guangdong, China

Purpose Of Examination / Conclusion:

No.	Test Item(s)	Conclusion
1.	**Azodyes** Regulation (EC) No. 1907/2006, Regulation (EC) No. 552/2009 Annex XVII Entry 43 and its amendment Regulation (EU) 2020/2096 With reference to EN ISO 14362-1:2017, extracted by organic solvent and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS).	Pass
2.	**pH Value** With reference to ISO 3071:2020 and analyzed by pH meter	Pass

Remarks:

(1) The results relate only to the items tested.

(2) Samples are tested as received.

(3) If relevant standards do not specify decision rule(s), follow decision rule as below:

- "Pass" means that the measured result is within the limits, even when extended by expanded uncertainty at a level of confidence of 95%.
- "Fail" means that the measured result is beyond the limit, even when extended by expanded uncertainty at a level of confidence of 95%.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
TÜV SÜD Group

Prepared by:

Huang, Jessica
Project Manager

Reviewed by:

Ye, Samson
Senior Project Engineer

Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production. For further details, please see testing and certification regulation, chapter A-3.4.

Laboratory:
TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park,
Guankou Erlu, Nantou, Nanshan District, Shenzhen, Guangdong, China

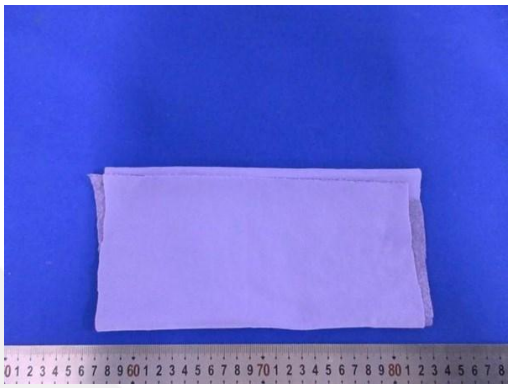
Phone : +86 755 8828 6998
Fax: +86 755 8828 5299
E-mail:info@tuvsud.com
Web : http://www.tuvsud.cn

Regd. Office:
TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park,
Guankou Erlu, Nantou, Nanshan District, Shenzhen, Guangdong, China

1. Description of the Test Sample:

Sample Description	Kids helmet

2. List of Materials as identified by the Laboratory:

T. No.	Sample No.	Colour and Description	Photograph
T1	001	Purple fabric (Polyester)	
T2	002	Black webbing (Polyester)	

Laboratory:
TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park,
Guankou Erlu, Nantou, Nanshan District, Shenzhen, Guangdong, China

Phone : +86 755 8828 6998
Fax: +86 755 8828 5299
E-mail:info@tuvsud.com
Web : http://www.tuvsud.cn

Regd. Office:
TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park,
Guankou Erlu, Nantou, Nanshan District, Shenzhen, Guangdong, China

3. Test Results

3.1 Azodyes

Regulation (EC) No. 1907/2006, Regulation (EC) No. 552/2009 Annex XVII Entry 43 and its amendment Regulation (EU) 2020/2096
Test in accordance with EN ISO 14362-1:2017, extracted by organic solvent and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS). [Reporting Limit = 5.0 mg/kg]

o.	Forbidden Amine	CAS No.	Results [mg/kg]	
			Sample 001	Sample 002
1	4-aminobiphenyl	92-67-1	<5.0	<5.0
2	Benzidine	92-87-5	<5.0	<5.0
3	4-chloro-o-toluidine	95-69-2	<5.0	<5.0
4	2-naphthylamine	91-59-8	<5.0	<5.0
5	o-aminoazotoluene	97-56-3	<5.0	<5.0
6	5-nitro-o-toluidine	99-55-8	<5.0	<5.0
7	4-chloroaniline	106-47-8	<5.0	<5.0
8	2,4-diaminoanisole	615-05-4	<5.0	<5.0
9	4,4'-diaminodiphenylmethane	101-77-9	<5.0	<5.0
10	3,3'-dichlorobenzidine	91-94-1	<5.0	<5.0
11	3,3'-Dimethoxybenzidine	119-90-4	<5.0	<5.0
12	3,3'-dimethylbenzidine	119-93-7	<5.0	<5.0
13	4,4'-methylenedi-o-toluidine	838-88-0	<5.0	<5.0
14	p-cresidine	120-71-8	<5.0	<5.0
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	<5.0	<5.0
16	4,4'-oxydianiline	101-80-4	<5.0	<5.0
17	4,4'-thiodianiline	139-65-1	<5.0	<5.0
18	o-toluidine	95-53-4	<5.0	<5.0
19	2,4-toluenediamine	95-80-7	<5.0	<5.0
20	2,4,5-trimethylaniline	137-17-7	<5.0	<5.0
21	2-methoxyaniline	90-04-0	<5.0	<5.0
22	2,4-xylidine	95-68-1	<5.0	<5.0
23	2,6-xylidine	87-62-7	<5.0	<5.0
24	4-aminoazobenzene	60-09-3	<5.0	<5.0
Method			EN ISO 14362-1:2017(P1) EN ISO 14362-1:2017(P2)	
Limit			<30 mg/kg	
Conclusion			Pass	Pass

Note:
1. "#" denotes 2,4-xylidine and 2,6-xylidine are not under Regulation (EC) No.1907/2006 and they are for client's reference.
2. "<" denotes less than
3. "mg/kg" denotes milligram per kilogram

* Azo colorants that are able to form 4-aminoazobenzene, as generated under the current testing condition stated in EN ISO 14362-1:2017 are aniline and 1,4-phenylenediamine. The presence of 4-aminoazobenzene is determined by EN ISO 14362-3:2017 or ISO 17234-2:2011.

Interpretation of test results:

(1) In the case of the measured value per amine component <=30 mg/kg and according to the analysis carried out, the azo colourants banned under the Annex XVII of Regulation (EC) No. 1907/2006, REACH are not detected in the article submitted.
(2) In the case of the measured value per amine component > 30 mg/kg, the analysis result suggests that the submitted article was manufactured or treated with the azo colourants banned under Annex XVII of Regulation (EC) No. 1907/2006, REACH
(3) In the case of the measured value per amine component being between 25 and 35 mg/kg, it is remarked that due to the inherent uncertainty of the detection method, the value represent a border line case.

Laboratory:
TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park,
Guankou Erlu, Nantou, Nanshan District, Shenzhen, Guangdong, China

Phone : +86 755 8828 6998
Fax: +86 755 8828 5299
E-mail:info@tuvsud.com
Web : http://www.tuvsud.cn

Regd. Office:
TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park,
Guankou Erlu, Nantou, Nanshan District, Shenzhen, Guangdong, China

3.2 pH Value

Test method: With reference to ISO 3071:2020 and analyzed by pH meter.

Analyte(s)	Results [pH]	
	Sample 001	Sample 002
pH (mean value)	6.4	5.9
Client's requirement	3.5-9.5	
Conclusion	Pass	

-- END OF THE TEST REPORT --

Laboratory:
TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park,
Guankou Erlu, Nantou, Nanshan District, Shenzhen, Guangdong, China

Phone : +86 755 8828 6998
Fax: +86 755 8828 5299
E-mail:info@tuvsud.com
Web : http://www.tuvsud.cn

Regd. Office:
TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park,
Guankou Erlu, Nantou, Nanshan District, Shenzhen, Guangdong, China