

**TEST REPORT**

**Client:** Racing Optics Inc.  
7200 Montessori St Suite 100  
Las Vegas, NV 89113

**Attention:** Bart Wilson

**E-Mail:** b.wilson@racingoptics.com

**Sample Description as Declared :**

Sample Description : RealShield Youth Face Shield  
Supplier / Manufacturer Name Racing Optics  
Style # : RS15001Y  
Age Grade: 3-10  
No. of Sample: 8  
End Use: Face Shield; Youth Face Shield  
Country of Origin : USA  
Sample Received Date: July 29, 2020  
Final Confirmation Received Date: July 31, 2020  
Report Completion Date: August 5, 2020

**OVERALL CONCLUSION:**

<u>Standard</u>	<u>Result</u>
1. Total Lead Content in Paint and Surface Coatings	1. Pass
2. Total Lead Content in Non-Metal Substrates	2. Pass
3. Determination of Phthalates	3. For Information Only



**For and on behalf of  
Intertek Products Group North America:**

**Intertek Consumer Goods**

545 E Algonquin Road, Suite F  
Arlington Heights, Illinois 60005  
Telephone: 847-871-1020 Fax: 847-439-6156



AT-1348

**TEST RESULTS:**

**1. Total Lead Content in Paint and Surface Coatings**

**Test Method:** CPSC-CH-E1003-09.1 Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings (Modified).

**Tested By:** ICP

**Requirement:**

**16 CFR 1303 BAN OF LEAD-CONTAINING PAINT AND CERTAIN CONSUMER PRODUCTS BEARING LEAD-CONTAINING PAINT.**

**Consumer Product Safety Improvement Act, Section 101 Total Lead Content in Paint and Other Similar Surface Coatings.**

Each accessible component shall not contain more than 90 ppm of lead in children's products.

**Test Results:**

Component Number	Sample Description	Results (ppm)	CPSIA Limit (ppm)
1	Coatings (backside of shield)	<20.0	90

**Conclusion:**

**CPSIA requirements: PASS**

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**2. Total Lead Content in Non-Metal Substrates**

**Test Method:** CPSC-CH-E1002-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Non-metal Children’s Products (Modified).

**Tested By:** ICP

**Requirement:**

**Consumer Product Safety Improvement Act, Section 101 Total Lead Content in Substrates.** Each accessible component shall not contain more than 100 ppm of lead in children’s products.

**Test Results:**

Component Number	Sample Description	Results (ppm)	CPSIA Limit (ppm)
2	Clear plastic w/o coatings (shield)	<20.0	100
3	Clear plastic w/ glue (adhesive strips)	<20.0	100

**Conclusion:**

**CPSIA requirements: PASS**

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### 3. Determination of Phthalates

**Test Method:**

**CPSC-CH-C1001-09.4 Standard Operating Procedure for the Determination of Phthalates.**

**Requirements:**

**16 CFR Part 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates, check CPSC and CPSIA requirements.**

1. **\*CPSC -The United States Consumer Product Safety Commission** rule prohibits **children’s toys and child care articles** to contain phthalate concentrations of more than 0.1 percent (1000 ppm) in plasticized components.
2. **\*CPSIA – The Consumer Product Safety Improvement Act Section 108(a)** prohibits the manufacture for sale, offer for sale, distribution in commerce, or importation into the United States of any **children’s toy or child care article** that contains phthalate concentrations of more than 0.1 percent (1000 ppm) in plasticized components.

**Test Results:**

Regulated Phthalates	Cas #	Result (ppm)			Limit
		1	2	3	
Diisobutyl Phthalate (DIBP)	84-69-5	<50	<50	<50	1000
Di-n-pentyl Phthalate (DPENP/DPP)	131-18-0	<50	<50	<50	1000
Dicyclohexyl Phthalate (DCHP)	84-61-7	<50	<50	<50	1000
Di-n-hexyl Phthalate(DHEXP/DnHP)	84-75-3	<50	<50	<50	1000
Diisononyl Phthalate (DINP)	68515-48-0	<50	<50	<50	1000
Dibutyl Phthalate (DBP)	84-74-2	<50	<50	<50	1000
Butyl Benzyl Phthalate (BBP)	85-68-7	<50	<50	<50	1000
Diethyl Hexyl Phthalate (DEHP)	117-81-7	<50	<50	<50	1000

Component Number	Component Description
1	Coatings (backside of shield)
2	Clear plastic w/o coatings (shield)
3	Clear plastic w/ glue (adhesive strips)

**Conclusion:**

**CPSCIA / CPSC requirements: For Information Only.** Tested per client request.

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