Report No. **70.400.19.757.02-00/01**

Dated **2019-07-09**

Technical Report

China

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Test subject: Refer to next pages

Test specification:

1. For material: Acrylonitrile copolymers and resins
   - — Test compliance with the Food and Drug Administration Regulations
   - — Test with reference to US FDA CFR Title 21 Part 181.32
2. For material : Polyethylene Homopolymer
   - — Test for compliance with the Food and Drug Administration Regulations.
   - — With reference to US FDA CFR 21 Part 177.1520

Test result: Refer to the data listed in following pages

Conclusion:

1. Acrylonitrile monomer content according to FDA CFR Pass Title 21 Part 181.32
2. Density, extractable fraction in hexane at 50 ºC, soluble Pass fraction in xylene FDA CFR 21 Part 177.1520 (Polyethylene Homopolymer)

Remarks:

1. The results relates only to the items tested
2. Samples were tested as received
3. Test items were specified by client

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China

1. Order

1.1 Date of Purchase Order

2019-06-04
2019-06-25

1.2 Customer's Reference

Test Model：S2
Sample Name: Water Filter Straw

1.3 Receipt Date of Test Sample

2019-06-04
2019-06-25

1.4 Date of Testing

2019-06-04~2019-06-14 sample 001
2019-06-25~2019-07-02 sample 002

1.5 Document submitted

Nil

1.6 Location of Testing

TÜV PS SHA subcontracted lab performed the test

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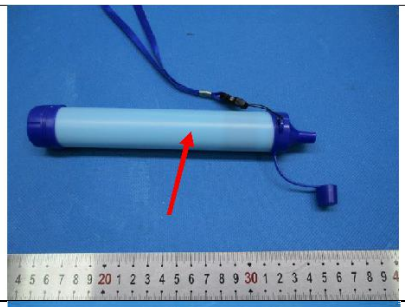
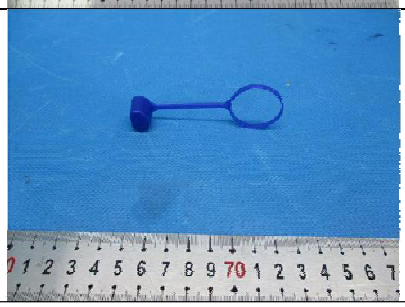
2. Description of the tested subject

No.	Tested part	Picture
001	Light plastic ABS	
002	Blue plastic PE-homopolymer	

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3. Test Results

3.1 Acrylonitrile Monomer Content

Test with reference to US FDA CFR Title 21 Part 181.32

Extractants and Conditions	Acrylonitrile monomer content ($mg/inch^2$)	Maximum permissible Limit ($mg/inch^2$)
	001	
Distilled Water at 150^{o}F 2 hours	<0.001	0.003

3.2 Test for compliance with FDA CFR 21 Part 177.1520 (Homopolymer Polyethylene)

Test Item(s)	Result(s)	Specifications
	001	
Density at 23°C, g/mL	0.898	0.85 - 1.00
Extractable fraction in n-hexane at 50 ºC, W/W%	1.01	2.6 max.
Soluble fraction in xylene at 25ºC , w/w %	3.49	11.3 max.

Remark:

1. g/mL denotes microgram per milliliter
2. ºC denotes degree Celsius
3. % denotes percentage by weight
4. Specifications quote from FDA CFR 21 Part 177.1520

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Engineer:

Ms. Peng Qiping

Checked by:

Ms. Qi Nannan

- End of Report –

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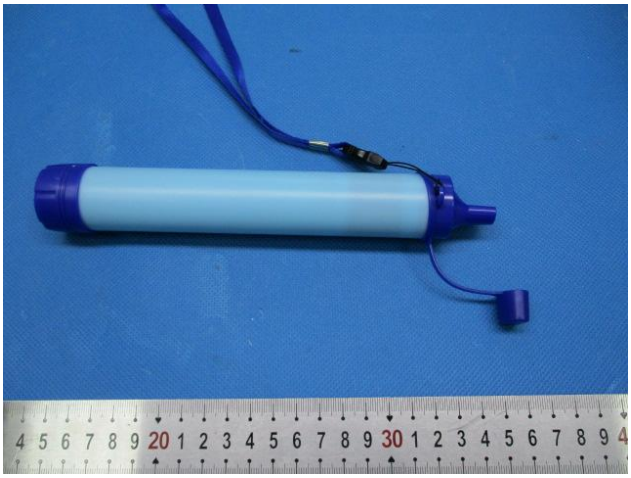
Appendix I: photo of whole product



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