

**Test Report****Testing of products for use in contact with drinking water**

Date of issue: 13-04-2018

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Castco LRN: EN0180323-1

**Details as supplied by customer**

Name of Customer : Purdon King (Internation) Limited

Address : 19/F., Tak Lee Commercial Building, 113-117 Wan Chai Road, Hong Kong

Job Title : --

**Sample details as supplied by customer**

Date of Sample Received : 23-03-2018

Brand Name : Pegler

Manufacturer : Pegler Yorkshire / Model no.: PB100

Origin : UK

**Test Method(s):**

- 1) AS/NZS 4020:2005 Appendix H - Extraction of Metals

**Remarks:**

- I. Test results only relate to the specimen tested and showed on Appendix A.
- II. In-the-product exposure.
- III. The sample/s mentioned in this report is/are submitted/supplied/manufactured by the Client. Castco therefore assumes no responsibility for the accuracy of information on the brand name, origin of manufacture, consignment or any information supplied.
- IV. The following scaling factors are adopted from voluntary GA\* Scheme of Water Supplies Department.

In-line Metallic Plumbing Product	Scaling Factor
Pipe	Nil
Pipe fitting	0.05
Valves (Gate, Globe & Ball)	0.01
Butterfly valve	0.05
Non-return/Check valve, Pressure reducing valve	0.01 for DN=>100 0.05 for DN<100
Strainer	0.1
Expansion/Settlement/Flexible Joint	0.01

Checked by : \_\_\_\_\_

Au Kwok Kin  
Senior Chemist

Approved Signatory : \_\_\_\_\_

Cheng Chi Fai  
Senior Manager

## Test Report

### Testing of products for use in contact with drinking water

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Castco LRN: EN0180323-1

Castco Sample ID : EN0180323-1(1) & EN0180323-1(2)

Test period : 26-03-2018 to 27-03-2018

Sample Identification No. : --

Specimen No.: BC0180319-002-MISL

Extraction Temperature : 20°C

Item	Metal Elements	Test Water Blank (µg/L)	'1/2" Ball Valve' 1 <sup>st</sup> Extraction (mg/L)		Reporting Limit (µg/L)	WHO Limit (µg/L)
			Test results were corrected by scaling factor: 0.01			
			sample 1	sample 2		
1	Chromium	<1.0	<1.0	<1.0	1.0	50
2	Nickel	<1.0	<1.0	<1.0	1.0	70
3	Copper	<5.0	<5.0	<5.0	5.0	2000
8	Cadmium	<0.20	<0.20	<0.20	0.20	3
9	Antimony	<0.30	<0.30	<0.30	0.30	20
12	Lead	<1.0	<1.0	<1.0	1.0	10

End of Report

Appendix A

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Description of Sample: '1/2" Ball Valve'

