

# TEST REPORT



REPORT NO.: CTNT2512010060101

Product name: Wide-Spread Bathroom Faucet

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Model No.: BF001

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Applicant: Popin Trading Co. Limited

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Test procedure: Entrustment Test

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Shenzhen Zhongwei Testing Technology Co., Ltd.



<b>TEST REPORT</b> <b>§ 1605.3. State Standards for Non-Federally Regulated Appliances.</b> <b>20 CA ADC § 1605.3</b> <b>Barclays Official California Code of Regulations</b>	
<b>Report Number</b> .....: CTNT2512010060101 <b>Date of issue</b> .....: Dec.05,2025	
<b>Name of Testing Laboratory preparing the Report</b> .....: Shenzhen Zhongwei Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China Tel: 086-755-28680489 E-mail: admin@ctnt-cert.com Web: www.ctnt-cert.com	
<b>Applicant's name</b> .....: Popin Trading Co. Limited  <b>Address</b> .....: Unit 1101B, Lippo Sun Plaza 28 Canton Road, Tsim Sha Tsui, Kowloon Hong Kong  <b>Manufacturer</b> .....: Popin Trading Co. Limited  <b>Address</b> .....: Unit 1101B, Lippo Sun Plaza 28 Canton Road, Tsim Sha Tsui, Kowloon Hong Kong	
<b>Test specification:</b> <b>Standard</b> .....: 20 CA ADC § 1605.3 <b>Test procedure</b> .....: 20 CA ADC § 1605.3(h) Plumbing Fittings. <b>Non-standard test method</b> .....: N/A	
<b>Test Report Form No</b> .....: CEC- PF-TRF <b>Test Report Form(s) Originator</b> .....: 1.0 <b>Master TRF</b> .....: CTNT	
<b>General disclaimer:</b>  The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing CTNT Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the CTNT, responsible for this Test Report.	
<b>Test item description</b> .....:	Wide-Spread Bathroom Faucet
<b>Model/Type reference</b> .....:	BF001
<b>Trade Mark</b> .....:	TETOTE

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**Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):**

<b>Laboratory Name</b> .....:	Shenzhen Zhongwei Testing Technology Co., Ltd.	
<b>Testing location/ address</b> .....:	Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China	
<b>Tested by(Test Engineer)</b> ..... :	Schale Zeng	<i>Schale Zeng</i>
<b>Reviewed By(Supervisor)</b> .....:	Oliver Long	<i>Oliver Long</i>
<b>Approved by(Chief Engineer)</b> .....:	Flight Lee	<i>Flight Lee</i>



**Summary of testing:**

**Tests performed (name of test and test clause):**

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods.

A representative sample of the product covered by this report has been tested and pipe fittings complies with the requirements of 1605.3 (h).

**Testing location:**

Shenzhen Zhongwei Testing Technology Co., Ltd.  
Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China

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**General conditions for measurements:**

**1. General Test Set-up Conditions**

**1.1 Flow rate test Procedure(According to the standard ASME A112.18.1-2012 / CSA B125.1-2012)**

1.1.1) Fittings shall be tested at the maximum flow setting, if adjustable, with both hot and cold water valves fully open on combination fittings.

The flow rate test shall be conducted with water between 5 and 71°C (40 and 160F) in accordance with the intended end use of the fitting and under the following conditions:

- (a) for minimum flow: at 140 + 7kPa (20+1nsi) at the inlet when water is flowing: and
- (b) for maximum flow for faucets: at 410±7kPa (60±1 psi) at the inlet when water is flowing.

1.1.2) Flow rate tests for shower heads, body sprays, and hand showers shall be conducted with water at 38±6°C (100±10F) and the flow maintained for at least 1 min. The flow rate test for

- (a) maximum flow for shower heads shall be conducted at 550±14kPa (80±2psi);
- (b) minimum flow for shower heads and hand showers shall be conducted at 310±1 4kPa (45±2 psi).

If the shower head or hand-held shower has more than one mode, the minimum flow rate shall be determined at a flowing pressure of 310±7kPa (45±1 psi) in all modes. Pause or trickle modes designed to flow at less than 1.9 L/min (0.5gpm) at 550kPa (80 psi) shall be excluded from the minimum flow requirements; and

Note: The intent of Item(b) is to aid in the selection of an appropriate automatic compensating valve.

- (c) high-efficiency shower heads and hand-held showers shall be conducted in accordance with Clause 1.2.

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**1.2 High-efficiency shower heads and hand-held showers Flow rate test**

1.2.1) Maximum Flow rate

The maximum flow rate for high-efficiency shower heads and hand-held showers shall be

- (a) specified by the manufacturer but in no case shall be more than 7.6 L/min (2.0gpm) at each test pressure;
- (b) verified through testing at flowing pressures of 140,310, and 550±7kPa (20, 45, and 80±1psi);and
- (c) used for determining the minimum flow rates in accordance with Clause 1.2.2.

1.2.2) Minimum Flow rate

1.2.2.1) If the shower head or hand-held shower has more than one mode, the minimum flow rate shall be determined at a flowing pressure of 310±7kPa (45±1psi) in all modes. Pause or trickle modes designed to flow at less than 1.9 L/min (0.5gpm) at 550kPa (80psi) shall be excluded from the minimum flow requirements.

1.2.2.2) The minimum flow rate for the manufacturer's specified mode or modes shall be determined through testing and shall be not less than

- (a) 60% of the maximum flow rate specified in Clause 1.2.2.1 when tested at a flowing pressure of 140±7kPa (20±1psi); and shall be not less than
- (b) 75% of the maximum flow rate specified in Clause 2.2.2.1 when tested at flowing pressures of 310±7kPa (45±1psi) and 550±7kPa (80±1psi).

**Possible test case verdicts:**

- test case does not apply to the test object.....: N/A

- test object does meet the requirement.....: P (Pass)

- test object does not meet the requirement.....: F (Fail)

**Declared data for Device:**

Maximum Flow Rate.....(gpm): 1.20 gpm

**Testing:**

Sample arrival time.....: Dec.01,2025

Test period.....: Dec.05,2025

**General remarks:**

"(See Enclosure #)" refers to additional information appended to the report.

"(See appended table)" refers to a table appended to the report.

Throughout this report a  comma /  point is used as the decimal separator.

Clause numbers between brackets refer to clauses in 20 CCR § 1605.3.

**Other important notes:**

1. If you have any objection to the inspection results in this report, please submit a written report to the company within 15 days from the date of receipt of the report.
2. Entrusting test only responsible for the incoming samples, and the test results are used by the entrusting party to understand the quality of the samples.
3. This test report is invalid without the "test stamp".
4. This report may not be reproduced in part without permission to avoid ambiguous interpretation.
5. Test items with "\*" are unauthorized items.
6. The remaining samples under test must be collected within three months of receipt of the inspection report. If the samples are not collected within the time limit, the laboratory will handle them by selves.

Company name: Shenzhen Zhongwei Testing Technology Co., Ltd.

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**Remark:**

- This product is Wide-Spread Bathroom Faucet.
- All tests are carried out on BF001.

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§ 1605.3.	State Standards for Non-Federally Regulated Appliances.			P
1605.3 (h)	Plumbing Fittings.			P
(1)	Tub Spout Diverters and Showerhead Tub Spout Diverter Combinations. The leakage rate of tub spout diverters manufactured on or after March 1, 2003 shall be not greater than the applicable values shown in Table H-3.			N/A
(A)	Showerhead tub spout diverter combinations. Showerhead tub spout diverter combinations shall meet both the standard for showerheads and the standard for tub spout diverters.			N/A
Table H-3	Standards for Tub Spout Diverters			N/A
	Appliance	Testing Conditions	Maximum Leakage Rate	N/A
	Tub spout diverters	When new	0.01 gpm	N/A
		After 15,000 cycles of diverting	0.05 gpm	N/A
(2)	Lavatory Faucets and Aerators. The flow rate of lavatory faucets and lavatory replacement aerators manufactured on or after July 1, 2016 shall be not greater than 1.2 gpm at 60 psi.			N/A
(A)	Sprayheads with independently controlled orifices and manual controls. The maximum flow rate of each orifice that manually turns on or off shall not exceed the maximum flow rate for a lavatory faucet.			N/A
(B)	Sprayheads with collectively controlled orifices and manual controls. The maximum flow rate of a sprayhead that manually turns on or off shall be the product of (a) the maximum flow rate for a lavatory faucet and (b) the number of component lavatories (rim space of the lavatory in inches (millimeters) divided by 20 inches (508 millimeters)).			N/A
(3)	Kitchen Faucets and Aerators and Public Lavatory Faucets and Aerators. The flow rate of kitchen faucets, kitchen replacement aerators, public lavatory faucets, and public lavatory replacement aerators sold or offered for sale on or after January 1, 2016 shall be not greater than the applicable values shown in Table H-4.			P
(A)	For the plumbing fittings identified in Table H-4, noncompliant products may not be sold or offered for sale on or after January 1, 2016, regardless of manufacture date.			P
Table H-4	Standards for Kitchen Faucets and Aerators and Public Lavatory Faucets and Aerators			P
	Appliance	Maximum Flow Rate		P
	Kitchen faucets and aerators	1.8 gpm with optional temporary flow of 2.2 gpm at 60 psi		P
	Public lavatory faucets and aerators	0.5 gpm at 60 psi		N/A
(4)	Commercial Pre-rinse Spray Valves.			N/A
(A)	Commercial pre-rinse spray valves manufactured on or after January 1, 2006, shall have a minimum spray force of not less than 4.0 ounces-force (ozf) [113 grams-force (gf)].			N/A
(B)	See section 1605.1(h) of this Article for water consumption standards for commercial pre-rinse spray valves.			N/A
(5)	Showerheads. The flow rate of showerheads shall be not greater than the applicable values shown in Table H-5.			N/A

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Table H-5	Standards for Showerheads		N/A
	Appliance	Maximum Flow Rate	
		Manufactured on or after July 1, 2016 and prior to July 1, 2018	Manufactured on or after July 1, 2018
	Showerheads	2.0 gpm at 80 psi <sup>1,2,3</sup>	1.8 gpm at 80psi <sup>1,2,3</sup>
	<sup>1</sup> Maximum flow rate. The maximum flow rate shall be the highest value obtained through testing at a flowing pressure of 80 ± 1 psi and shall not exceed the maximum flow rate in Table H-5.		N/A
	<sup>2</sup> Minimum flow rate. The minimum flow rate, determined through testing at a flowing pressure of 20 ± 1 psi, shall be not less than 60 percent of the flow rate reported by the manufacturer pursuant to section 1606(a) of this Article. The minimum flow rate determined through testing at a flowing pressure of 45 and 80 ± 1 psi shall be not less than 75 percent of the flow rate reported by the manufacturer pursuant to section 1606(a) of this Article.		N/A
	<sup>3</sup> Showerheads with multiple nozzles. The total flow rate of showerheads with multiple nozzles must be less than or equal to the maximum flow rate in Table H-5 when any or all the nozzles are in use at the same time.		N/A
(6)	Other Plumbing Fittings. See section 1605.1(h) of this Article for water efficiency standards for plumbing fittings that are federally regulated.		N/A

The mean of the sample				
Calculation formula	$\bar{x} = \frac{1}{n} \sum_{i=1}^n x_i$			
Number of samples	<i>n</i>	2		
Sample value	<i>x</i> <sub>1</sub>	1.20 gpm	<i>x</i> <sub>2</sub>	1.20 gpm
Sample mean	$\bar{x}$	1.20 gpm		

The upper 95 percent confidence limit (UCL) of the true mean divided by 1.05		
Calculation formula	$UCL = \bar{x} + t_{0.95} \left( \frac{S}{\sqrt{n}} \right)$	
t statistic	<i>t</i> <sub>0.95</sub>	6.314
Sample standard deviation	<i>S</i>	0.000
The upper confidence limit	UCL	1.200
Divided by 1.05	/	1.14 gpm

Summary of Test Results			
Item	Limited	Measurement result	Verdict
		The higher of the two above	
Flow Rate at 60 +/- 1 psi - Gallons perMinute	1.8 gpm	1.20 gpm	P
Optional temporary flow of 2.2 Gallons perMinute	2.2 gpm	-	N/A

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Photo Document



Photo 1: Sample appearance



Photo 2: Sample appearance

---END OF REPORT---

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