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中国认可
国际互认
检测
TESTING
CNAS L4494

正 本

TEST REPORT

No. Q2023A0020

Sample name: Borosilicate glass

Specification: 58*4

Trademark: /

Deliver Unit: Taixing Longteng Photothermal Material Technology Co., Ltd

Production Unit: /

Sampling Unit: /

Sample Provide Unit: /

Test Type : Commissioned Test

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TEST REPORT

No. Q2023A0020

Sample name	Borosilicate glass	Trademark	/	Sample Collection Date
Sample state	Colorless transparent glass tube	Specification	58*4	20230625
Entrust Unit	Taixing Longteng Photothermal Material Technology Co., Ltd			
Address	No. 88 Taichang Road, Hongqiao Town, Taixing City			
Production Unit	/			
Address	/			
Test Type	Commissioned Test	Receiving Sample quantity	1pce (Batch: 1 pce)	
Task Source	/			
Sampling Unit	/			
Sample Provide Unit	/			
Production Date /Lot	/	Sample Date	/	
Sample Location	/	Sample Plan	/	
Sample Person	/	Sample Environmental Conditions	/	
Sample Standard & Deviation	/	Sample Amount	/	
Test Amount	1 pce	Test Date	July14,2023~August 23,2023	
Test Item	Partial inspection			
Test Based on & Or Determine The Principles of	GB/T 28194-2011 Determination of Thermal Expansion Coefficient of Glass Double Normal Line GB/T1594-2008 Chemical Analysis Methods for Fiber Glass			
Test conclusions	After conducting a linear thermal expansion coefficient test on the submitted samples according to the GB/T 28194-2011 standard, the submitted samples were tested for silicon dioxide content, aluminum oxide content, iron oxide content, potassium oxide content, sodium oxide content, and boron oxide content according to the GB/T 1594-2008 standard. The test results are shown on the data page of this report. (Seal inspection reports) Date of issue: August 22, 2023			
Remarks				

Translation (Sign): 袁春梅 YuanChunMei Date: August 22, 2023

Audit (Sign): 刘建章 LiuJianzhang Date: August 22, 2023

Approval (Sign): 袁春梅 YuanChunMei Date: August 22, 2023

BEIJING DRUG PACKAGE TEST INSTITUTE
TEST REPORT

No.: Q2023A0020

Test Item	Technical requirements	Test results	Unqualified	Nonconforming product	Unqualified Sample No.	Individual convicted	Uncertainty
coefficient of mean linear thermal expansion	/	$3.42\times10^{-6}K^{-1}$	/	/	/	/	/
Silicon dioxide content	/	80.82%	/	/	/	/	/
Iron trioxide content	/	0.026%	/	/	/	/	/
Aluminum oxide content	/	1.80%	/	/	/	/	/
Potassium oxide content	/	0.059%	/	/	/	/	/
Sodium oxide content	/	2.82%	/	/	/	/	/
Boron trioxide content	/	13.69%	/	/	/	/	/

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TEST REPORT

No.: Q2023A0020

Photo page



The following blanks

Tester (sign) : 袁春梅 Yuan Chunmei

Auditor (sign) : 刘建章 Liu Jian zhang

Approver (sign) : 袁春梅 Yuan Chunmei