

TEST REPORT

 Applicant
 : Jinan Hongjin Machinery Equipment Co., Ltd

Address : 500 meters west of the intersection of Qinghe East Road and Chuangzhan

Road, Yaoqiang Street, High-tech Zone, Jinan City, Shandong Province

Report on the submitted sample said to be

Sample name : 304 stainless steel plate

Model: 304/N04, 1.78 oil-ground short filament

Buyer : N/A

Manufacturer : Jiangsu Tongyuan Metal Products Co., Ltd

Address : 6th Floor, No. 602, Building 39, No. 289, Fangcheng Avenue, Xinwu District,

Wuxi City (Southern Stainless Steel Market).

Testing laboratory : Shenzhen Huaxiang Testing Co., Ltd

Address : Building B2, Junfeng Zhongcheng Intelligent Manufacturing Innovation Park,

Heping Community, Fuhai Street, Bao'an District, Shenzhen City, Guangdong

Province

Sample received date : Nov. 07, 2024

Testing period : Nov. 07, 2024- Nov. 13, 2024

Test Result(s) : Please refer to the next pages

Test Sample	Test Requested:	Conclusion
001	General Recognized As Safe (GRAS) specification for US FDA regulation on Stainless steel. - Total Chromium (Cr)	Pass
Huaxiang Test	As requested by client, according to the FDA 21 CFR 175.300, to determine the total extractives on the submitted sample	Pass
Hugxiang Testing	- Chloroform-soluble extractives in Distilled water - Chloroform-soluble extractives in 8% Alcohol	Husiang Tesims
enin.	- Chloroform-soluble extractives in n-Heptane	enir, en

		Waxing Testing
	Kevin Su	
Prepared by(Test Engineer):		MPARTIAL O
	Tes. Aiang Tes	and Tanna
	Amy Jiang	*Approved *
Approved(Manager)		
		70/10

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Test Result:

Sample Description

No.	Sample	Description	~ Testing	on Testins
001	304 stainless steel plate	Stainless steel	axian y	naxian.

1. FDA GRAS - Chromium content

Test method: To refer to US EPA 3050B:1996&US EPA 6010C:2007, the analysis was performed by ICP-OES.

Analyte	Result (%)	MDL	Permissible	
Analyte	001 Mariana	(%)	Limit (%)	
Chromium (Cr)	16.1 desired	0.001	≥16	

Note: MDL = Method Detection Limit

2. FDA total extractinves

Test method: 21 CFR 175.300.

A 1. 4 - 309 - 309	Test Condition	Result(mg/inch²)	MDL	Requirement (mg/inch²)
Analyte		001	(mg/inch ²)	
Extractives in distilled water	120°F 24h	ND	1.0	18
Extractives in 8% ethanol	70°F 0.5h	ND	1.0	18
Extractives in n-Heptane	70°F 0.5h	ND	1.0	18

Note: mg/inch² = milligram per square inch

N.D = Not Detected.

MDL=Method Detection Limit

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PICTURE OF SAMPLE

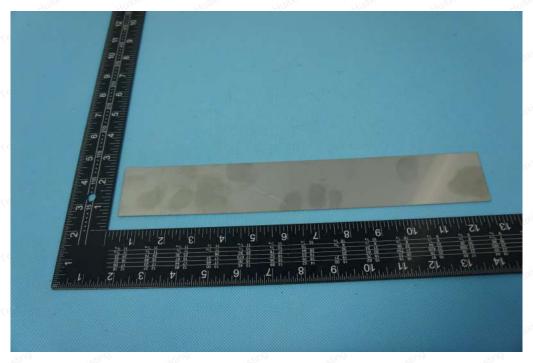


Photo 1

End of Report