

TEST REPORT

Report No.:UTS25120146M45E

Report Date: 2025/12/23

Client : Jiangsu Jinhap automotive parts Co.,LTD

Address : No. 50, Laoshan south road, Yancheng economic development zone,
Jiangsu province

The sample information below is provided and confirmed by client:

Sample Name : SCM 435H(BOLT)

Description : Substrate

Receiving Date : 2025/12/09

Test Item : Constituent analysis

签 发 审 核 编 制

樊建红 授权签字人

夏雨

闵丹丹

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1、Test Standard

GB/T 20123-2006 Steel and iron-Determination of total carbon and sulfur content Infrared absorption method after combustion in an induction furnace (routine method)

GB/T 20125-2006 Low-alloy steel-Determination of multi-element contents—Inductively coupled plasma atomic emission spectrometric method

2、Test Date

2025/12/17-2025/12/20

3、Test Equipment

Test Equipment	Equipment Number	Calibration Period of Validity
Infrared carbon and sulfur analyzer	M-1-061	2026/12/12
Plasma emission spectrometer	M-1-584	2027/12/10

4、Test Condition

Environment Temperature : (23±5)℃

Environment Humidity : ≤70%RH

5、Test Result(s)

Sample No.	Test Item	Mass Fraction	Judgment Basis	Test Result	Determine
45	C	%	0.32-0.39	0.372	PASS
	Si		0.15~0.35	0.199	
	Mn		0.55-0.90	0.683	
	P		≤0.03	0.0081	
	S		≤0.03	0.003	
	Ni		≤0.25	0.012	
	Cr		0.85~1.25	0.996	
	Mo		0.15~0.35	0.162	
	Cu		≤0.3	0.016	

Note: The limit value is determined according to customer requirements.

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6、Test Photo(s)



Sample status



Test equipment(M-1-061)



Test equipment(M-1-584)

.....End of Report.....

Test results in this report are only used for scientific research, teaching and internal quality control.