

Magnet test report

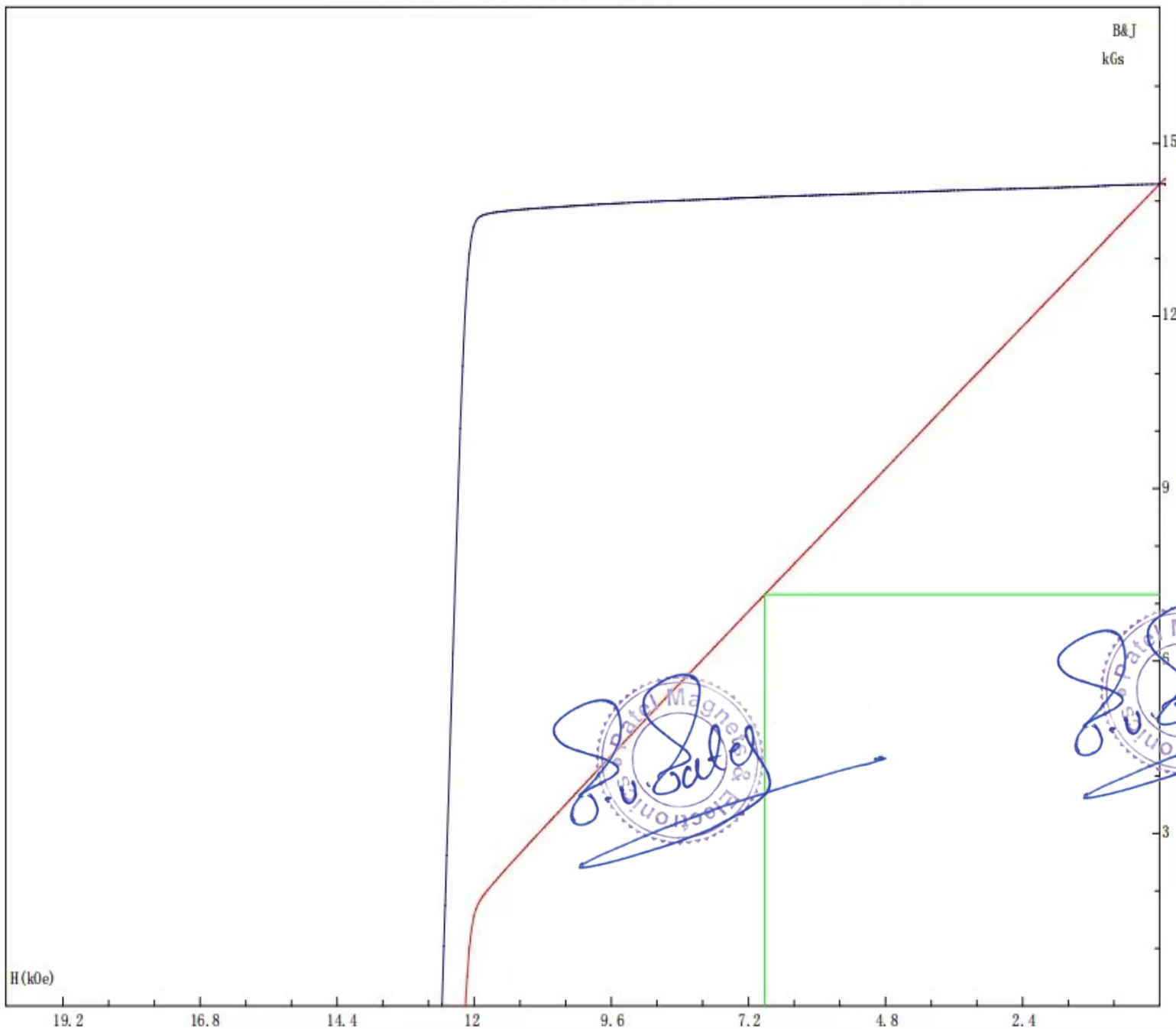
QR/QM-12 A/0

Order No.	A20250200015		Batch No	/		magnetization or not	Magnetization
Performance	N52		Size	L20*5*2mm		Coating	NCN
Quantity	3000		Sampling method	spot check		sampling amount	20
content project	①	②	③			Maximum surface magnetic force	
	20	5	2				
standard	±0.05	±0.05	±0.05			N	S
unit	mm	mm	mm			Gs	
1	20.00	5.04	1.99			3060	3070
2	19.98	5.02	2.02			3100	3050
3	20.00	5.00	1.99			3070	3010
4	20.02	5.04	2.03			3080	3070
5	19.98	5.03	1.99			3060	3080
6	19.95	5.04	2.03			3080	3050
7	20.00	5.02	1.99			3070	3030
8	20.02	5.03	2.03			3060	3090
9	19.99	5.04	2.05			3100	3120
10	19.98	5.02	1.99			3080	3060
11	20.01	5.03	2.01			3070	3070
12	20.02	5.02	2.05			3050	3060
13	19.97	5.04	2.03			3080	3020
14	19.98	5.03	2.00			3070	3100
15	20.00	5.04	2.03			3090	3050
16	20.02	5.01	1.99			3060	3060
17	19.98	5.02	2.04			3070	3050
18	19.96	5.03	2.05			3060	3110
19	20.02	5.04	2.03			3080	3070
20	20.00	5.02	2.05			3070	3040
Max	20.02	5.04	2.05			3100	3120
Min	19.95	5.00	1.99			3050	3010
Avg	19.99	5.03	2.02			3073.00	3063.00
judgement result	OK	OK	OK			OK	OK
Test Conclusion	pass						

Inspector:程永生

Audit staff:程邺

Date:2025-4-24



测试结果

Br	14.296	kGs
Hcb	12.152	kOe
Hc j	12.564	kOe
(BH) _m	49.483	MG0
Hk	12.115	kOe
Hk/Hc j	96.4	%
Hd	6.9142	kOe
Bd	7.1567	kGs
Hm	22.449	kOe

尺寸参数

样品长度	6.09	cm
样品宽度	5.145	cm
线圈面积	48.62	cmxcm
线圈匝数	2	匝

相关参数

测试日期	
样品温度	20
材料种类	NbFeB
材料批号	0413-103
样品编号	N52-H1-2-28#
测试人员	付少梁