

Magnet test report

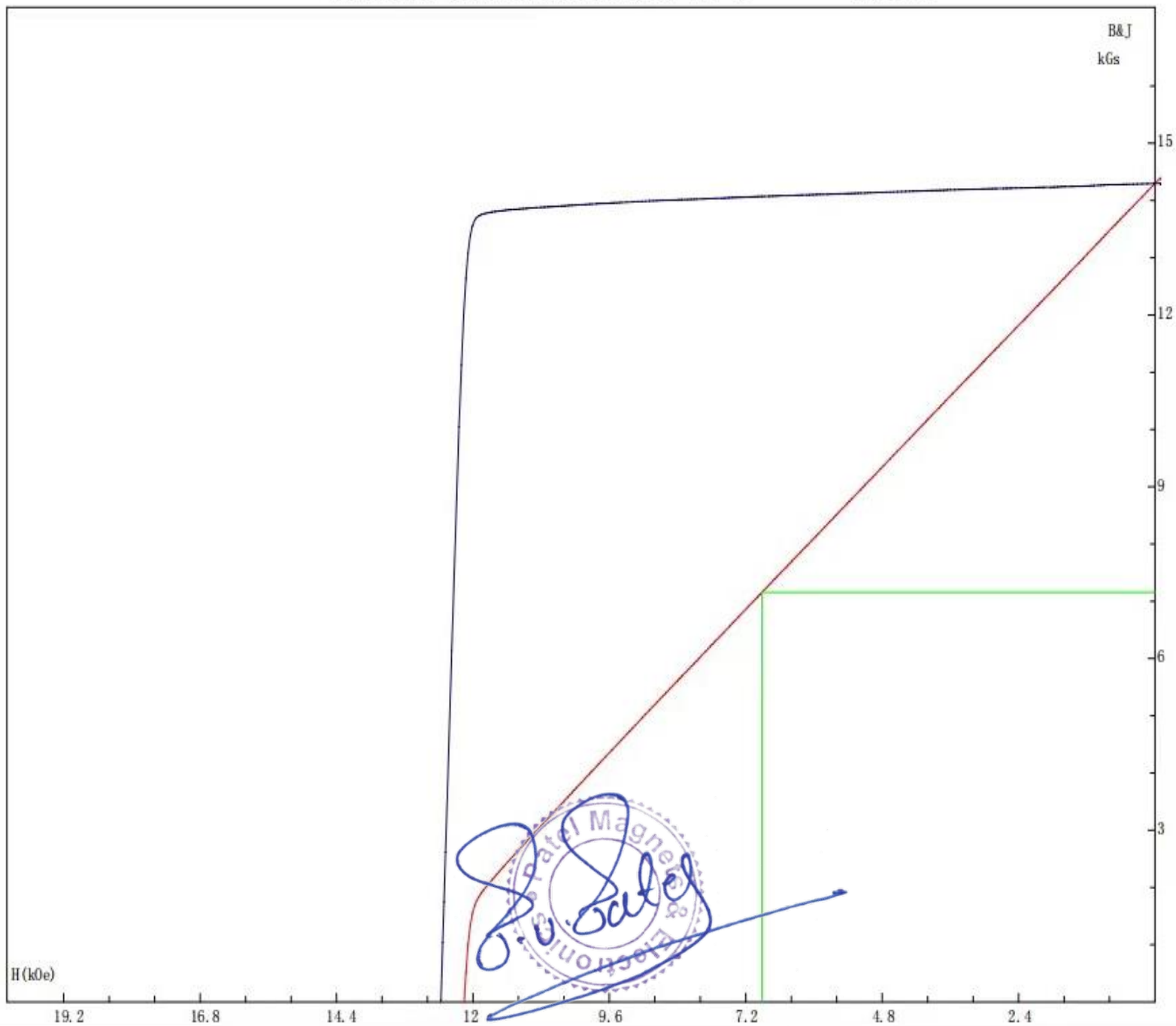
QR/QM-12 A/0

Order No.	A20250200023		Batch No	/		Magnetization or not		Magnetization
Performance	N52		Size	D35*10*10mm		Coating		NCN
Quantity	50		Sampling method	spot check		sampling amount		20
content project standard	①	②	③			Maximum surface magnetic force		
	35	10	10					
unit	±0.05	±0.05	±0.05			N		S
	mm	mm	mm			Gs		
1	35.03	10.00	10.03			4760		4840
2	35.02	9.97	10.00			4860		4820
3	35.00	9.99	10.01			4880		4870
4	34.99	9.95	9.99			4830		4840
5	35.01	9.98	10.00			4740		4820
6	35.04	10.00	10.04			4890		4810
7	35.05	9.99	10.02			4810		4870
8	35.03	9.98	9.99			4720		4840
9	35.01	10.02	10.02			4840		4850
10	34.99	9.97	10.00			4770		4820
11	35.01	9.96	9.99			4840		4830
12	35.04	9.98	10.01			4780		4820
13	35.03	9.96	10.00			4850		4870
14	35.02	9.95	10.03			4800		4840
15	35.00	9.99	9.99			4750		4860
16	35.01	9.96	10.05			4820		4840
17	35.00	10.01	9.99			4710		4820
18	35.05	10.02	10.01			4870		4830
19	34.99	9.97	10.04			4790		4870
20	35.02	9.96	9.99			4730		4880
Max	35.05	10.02	10.05			4880		4880
Min	34.99	9.95	9.99			4710		4810
Avg	35.02	9.98	10.01			4797.50		4842.00
judgement result	OK	OK	OK			OK		OK
Test Conclusion	pass							

Inspector:程永生

Audit staff:程邺

Date:2025-4-3



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