

Magnet test report

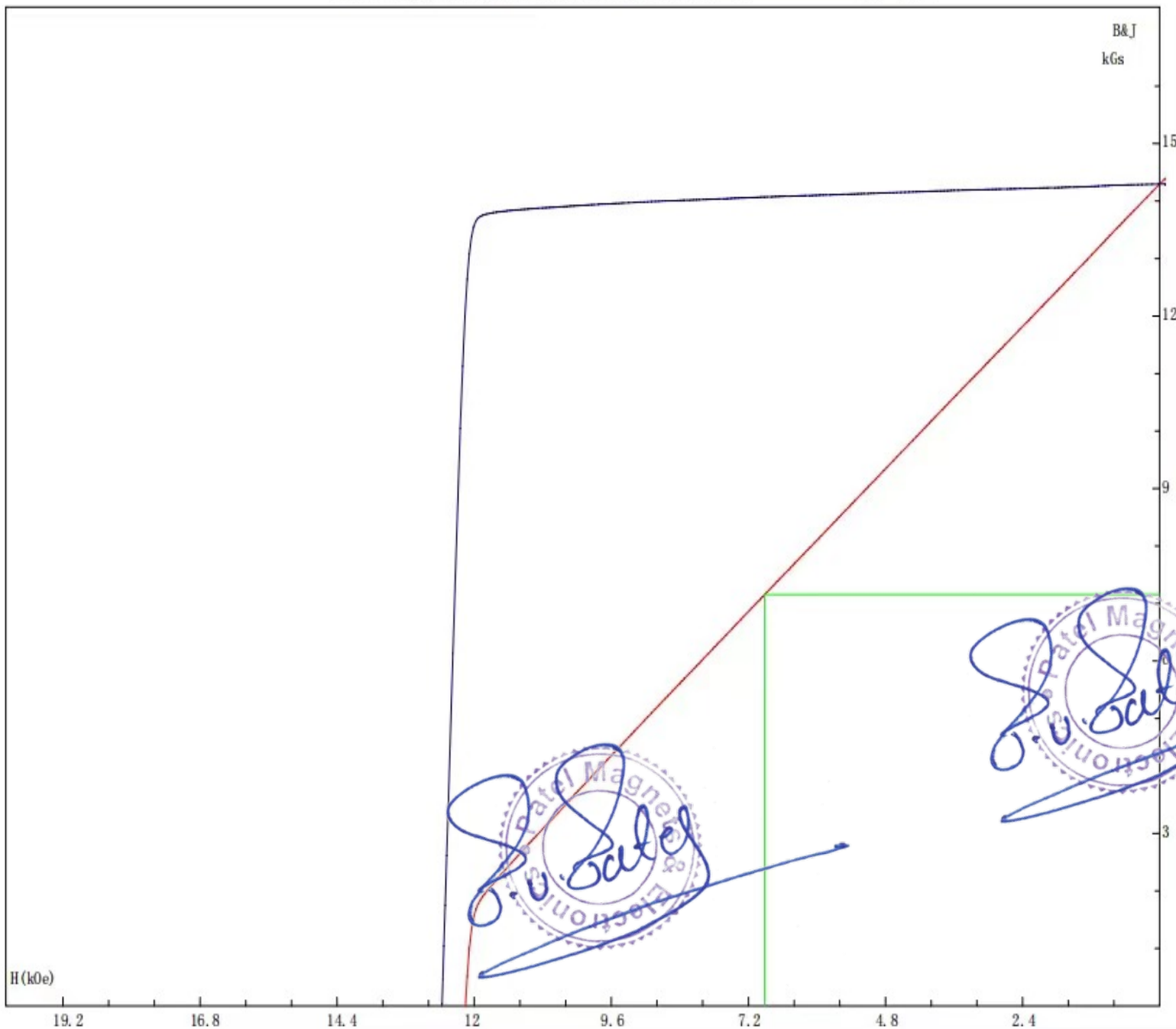
QR/QM-12 A/0

Order No.	A20250800010		Batch No	/		Magnetization or not		Magnetization
Performance	N52		Size	D15*7*5mm		Coating		NiCuNi
Quantity	1000		Sampling method	spot check		sampling amount		20
content project	①	②	③			The surface magnetic force at the center		
	15	7	5					
standard	±0.05	±0.05	±0.05			N		S
unit	mm	mm	mm			Gs		
1	15.02	7.01	5.00			4000		4100
2	15.01	6.99	4.98			3970		4040
3	15.03	7.00	4.97			3890		3990
4	15.02	7.01	4.96			3960		4070
5	15.03	6.98	4.99			4000		4050
6	15.01	7.00	4.97			3950		3990
7	15.00	6.99	4.96			3940		4000
8	15.03	7.01	4.97			3890		3990
9	15.01	6.98	4.98			4000		4020
10	15.00	7.00	4.96			3910		4100
11	15.02	7.01	5.00			3950		3990
12	15.03	7.00	4.98			3980		4100
13	15.02	6.99	5.00			4000		4060
14	15.00	6.98	4.97			3900		4030
15	15.01	7.00	4.98			3950		3990
16	15.03	7.01	5.00			3930		4090
17	15.02	7.00	4.96			4000		4010
18	15.01	6.99	4.99			3990		3990
19	15.00	6.98	4.98			3920		4080
20	15.03	7.00	5.00			4000		3990
Max	15.03	7.01	5.00			4000		4100
Min	15.00	6.98	4.96			3890		3990
Avg	15.02	7.00	4.98			3956.50		4034.00
Judgement result	OK	OK	OK			OK		OK
Test Conclusion	pass							

Inspector:程永生

Audit staff:程邺

Date:2025-9-12



测试结果

Br	14.296	kGs
Hcb	12.152	kOe
Hcj	12.564	kOe
(BH) _m	49.483	MG0
Hk	12.115	kOe
Hk/Hcj	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