

Magnet test report

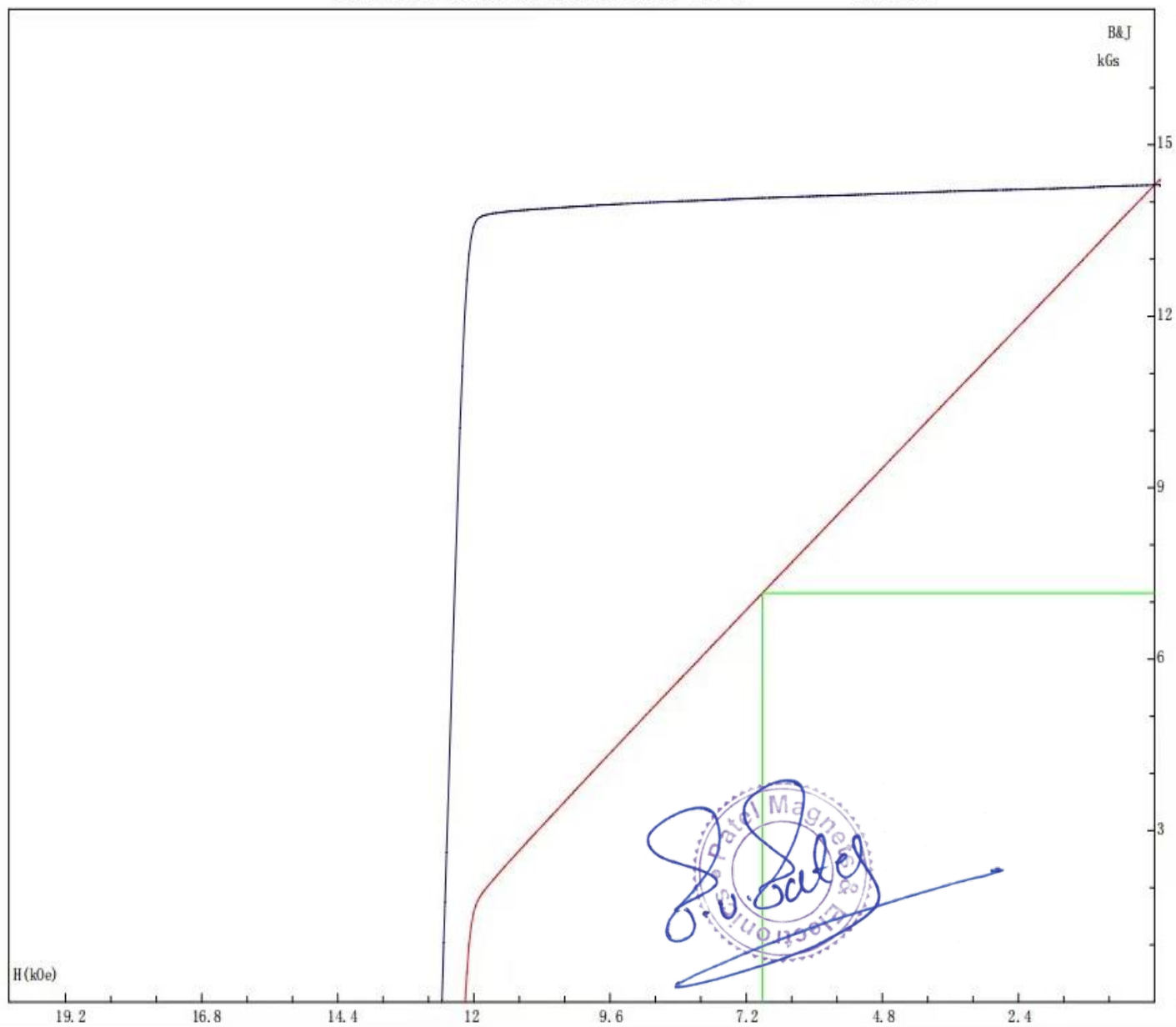
QR/QM-12A/0

Order No.	A20250200015		Batch No	/		Magnetization or not		Magnetization	
Performance	N52		Size	D10*2mm		Coating		Ni+Cu+Ni	
Quantity	25000		Sampling method	spot check		sampling amount		20	
content project	①	②				Maximum surface magnetic force			
	10	2							
standard	±0.05	±0.05				N		S	
unit	mm	mm				Gs			
1	10.02	2.01				2380		2470	
2	10.01	1.97				2400		2460	
3	10.02	1.98				2380		2470	
4	10.00	1.96				2390		2450	
5	9.99	1.97				2380		2460	
6	10.02	2.02				2390		2470	
7	9.99	2.01				2400		2450	
8	10.02	1.99				2380		2470	
9	9.99	1.96				2400		2460	
10	10.00	2.03				2390		2470	
11	10.02	2.02				2410		2450	
12	9.99	1.98				2390		2460	
13	10.03	1.96				2410		2450	
14	10.02	2.01				2380		2460	
15	9.99	2.00				2400		2450	
16	10.02	1.98				2410		2470	
17	9.99	2.03				2390		2450	
18	10.02	1.97				2380		2470	
19	9.99	1.96				2400		2450	
20	10.00	1.98				2390		2470	
Max	10.03	2.03				2410		2470	
Min	9.99	1.96				2380		2450	
Avg	10.01	1.99				2392.50		2460.50	
judgement result	OK	OK				OK		OK	
Test Conclusion	pass								

Inspector:程永生

Audit staff: 程邛

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	cm ²
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