

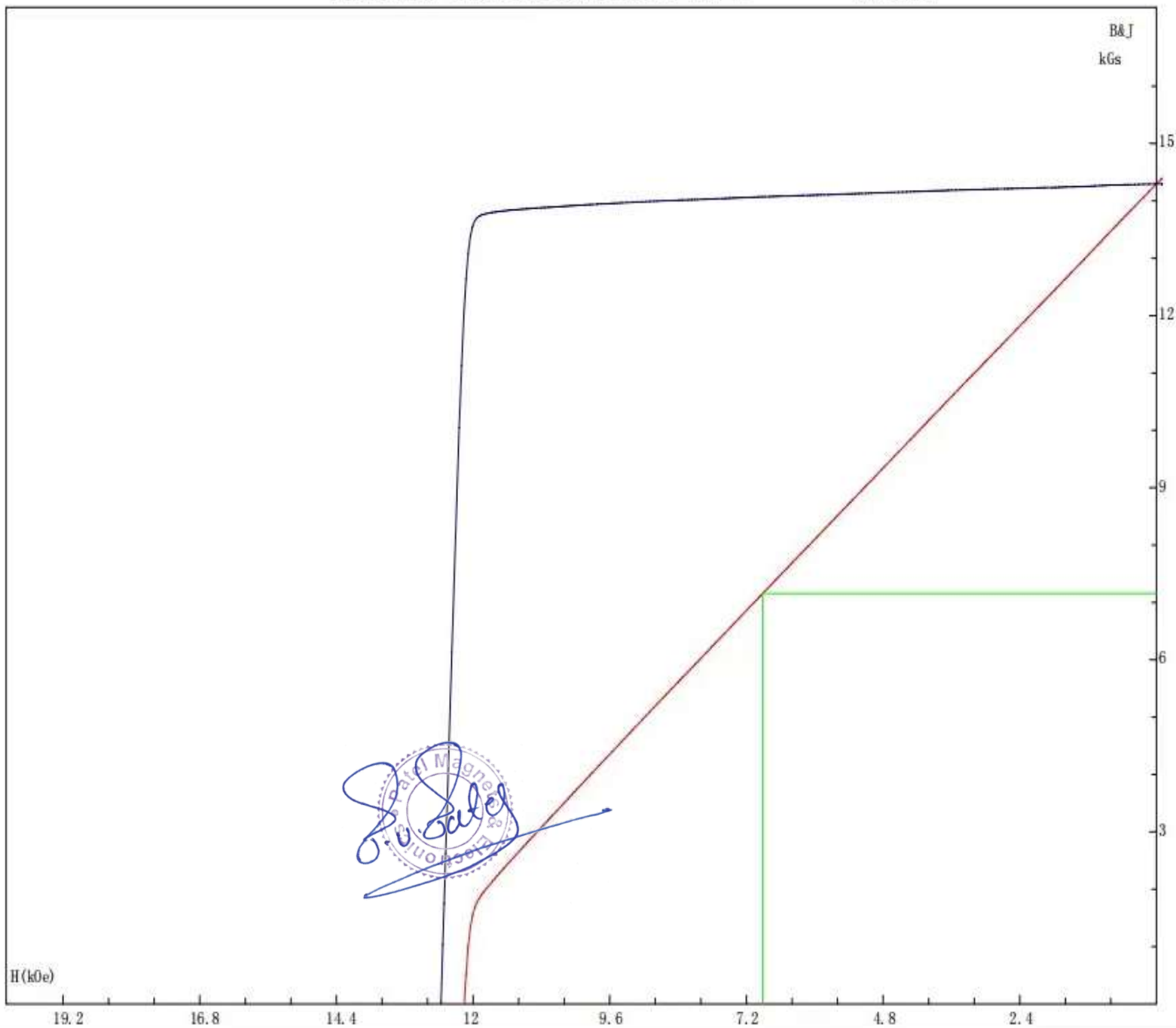
Magnet test report

QR/QM-12A/0

Order No.	A20250100011		Batch No	/		Magnetization or no	Magnetization
Performance	N52		Size	L40*10*5mm		Coating	NCN
Quantity	500		Sampling method	spot check		sampling amount	20
content project	①	②	③			Maximum surface magnetic force	
	40	10	5				
standard	±0.05	±0.05	±0.05			N	S
unit	mm	mm	mm			Gs	
1	40.01	9.98	5.03			3810	3910
2	39.97	9.96	5.05			3920	3850
3	40.04	9.97	5.00			3740	3920
4	39.96	10.01	4.98			3940	3900
5	39.98	9.96	5.00			3820	3880
6	39.96	9.95	4.97			3760	3910
7	39.99	10.02	4.99			3900	3900
8	40.00	10.00	4.98			3830	3920
9	39.99	9.99	5.02			3770	3870
10	39.97	9.97	4.96			3860	3890
11	40.05	9.98	4.97			3950	3900
12	40.02	10.01	4.98			3870	3840
13	39.97	10.00	5.00			3790	3900
14	39.98	10.03	4.98			3840	3870
15	40.02	9.96	5.04			3750	3900
16	39.96	9.99	4.97			3890	3920
17	40.05	9.97	4.99			3800	3830
18	39.98	10.02	5.00			3880	3870
19	40.03	9.98	5.01			3780	3900
20	40.00	10.00	4.96			3850	3860
Max	40.05	10.03	5.05			3950	3920
Min	39.96	9.95	4.96			3740	3830
Avg	40.00	9.99	4.99			3837.50	3887.00
judgement result	OK	OK	OK			OK	OK
Test Conclusion	pass						

Inspector:程永生 Audit staff:程邺 Date:2024-3-18





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	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