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检测报告

编号: ESZ2506250087T00001R

日期: 2025年07月02日

第1页共7页

委托单位 : 浙江一正文化用品有限公司

地 址 : 浙江省金华市浦江县仙华街道永在大道 668 号

以下检测之样品及样品信息是由申请者提供并确认

样品名称 : 小马宝莉易水洗丙烯马克笔-双头
YZ330275, YZ330277, YZ330278, YZ330279, YZ770285, YZ770287, YZ770288, YZ770289, YZ770295, YZ770297, YZ770298, YZ770299, YZ330265, YZ330267, YZ330268, YZ330269, YZ880505, YZ880507, YZ880508, YZ880509, YZ880515, YZ880517, YZ880565, YZ880519, 型 号 : YZ330266, YZ330276, YZ770286, YZ770296, YZ880506, YZ880516, YZ660168, YZ660177, YZ660167, YZ660178, YZ660179, YZ300227, YZ660175, YZ300228, YZ660165, YZ660169, YZ300217, YZ300218, YZ300229, YZ660185, YZ660186, YZ660166, YZ660176, YZ300225, YZ300215, YZ300216, YZ300219, YZ300226

接收日期 : 2025年06月25日

检测周期 : 2025年06月25日~2025年07月02日

检测概要 :

检测项目

结 论

依据客户要求, 按照 Q/PJYZ 34-2024 《丙烯马克笔》进行指定项目测试

符合

依据客户要求, 按照 GB 21027-2020 《学生用品的安全通用要求》进行指定项目测试

符合

注: 符合 (Pass); 不符合 (Fail); 不评价或仅提供检测结果 (N/A)

谨代表

苏州市信测标准技术服务股份有限公司

编 制:

杜苏婷

杜苏婷, Anisa

审 核:

陈兴宇

陈兴宇, Rain

签 发:



2025年07月02日

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检测报告

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第2页共7页

样品描述 (以下检测之样品及样品信息是由申请者提供并确认)

样品序号	样品编号	样品名称
01	E2506250087-01-T	小马宝莉易水洗丙烯马克笔-双头
01.01	E2506250087-01.01-T	白色墨水
01.02	E2506250087-01.02-T	黑色墨水
01.03	E2506250087-01.03-T	蓝色墨水
01.04	E2506250087-01.04-T	笔帽
01.05	E2506250087-01.05-T	黑色笔头
01.06	E2506250087-01.06-T	蓝色笔头

检测结果汇总

1.Q/PJYZ 34-2024 《丙烯马克笔》

测试条款	要求	检测结果	结论
		01	
5.1	性能要求 丙烯马克笔的性能应符合表1的规定。	通过, 见附表1	符合

附表1

项目	要求		检测方法 条款	结果 (圆头)	结果 (尖头)
	棉芯式	阀门式		棉芯式	
外观	3.零部件装配平整、牢固; 4.标志字迹清晰; 5.笔头部或尾部无渗漏墨水现象。		7.1	符合	符合
初写性能	100 mm 内应出墨正常	按压笔头出墨正常	7.2	符合	符合
书写性能	线迹宽<2.5mm, 划线长度≥100m; 线迹宽≥2.5mm, 划线长度≥50m; (双头马克笔中的单头划线 30m 以上), 线迹应流 畅, 无明显变淡、断线现 象。	首次出墨后,在笔头充 盈墨水状态下, 连续 划线 3m~5m,线迹应流 畅, 无明显变淡、断 线现象。	7.3	符合	符合
笔头滑 缩力/N	硬质笔头	≥5.9	7.5	/	/
	软质笔头	-		/	/
笔头强 度/N	硬质笔头	≥4.9	7.6	/	/
	软质笔头	≥0.98		符合	符合

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检测报告

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第 3 页 共 7 页

附表 1					
项目	要求		检测方法 条款	结果 (圆头)	结果 (尖头)
	棉芯式	阀门式		棉芯式	
干燥性	≤3min, 覆盖纸上应无墨迹	≤8 min, 覆盖纸上应无墨迹	7.7	符合	符合
附着性	载荷 4.9 N, 线迹不应被擦除		7.8	符合	符合
覆盖性	在黑卡纸上划线, 应无明显透底		7.9	符合	符合
间歇书写	≥30min, 100mm 内应出墨正常		7.10	符合	符合
耐温性	高温试验	(60±2)°C、1h, 书写应出墨正常, 无渗漏墨水现象	7.11	符合	符合
	低温试验	(-18±2)°C、1h 书写应出墨正常, 无渗漏墨水现象		符合	符合
耐冲击性	1m 高度水平跌落, 书写应出墨正常, 零部件应无开裂、变形、脱落		7.12	符合	符合
笔套拉力/N	4.9~39.2		7.13	11.3	12.1

备注:

1) CNAS 标识不涵盖此项目

2.GB 21027-2020 《学生用品的安全通用要求》

测试条款	要求	结果	单项 结论
		01	
4.1	可迁移元素的限量 学生用品中可迁移元素的含量应不超过表 1 中的相应元素的最大限量要求。可迁移元素最大限量中, 可触及的学生用品的印、刷、涂部分从单件样品中得到的每份可取样不足 10mg 时予以豁免。	通过, 见附表 2	符合
4.5	可触及的塑料件中邻苯二甲酸酯增塑剂的限量 可触及的塑料件中邻苯二甲酸二己酯(DEHP)、邻苯二甲酸二丁酯(DBP)、邻苯二甲酸丁苄酯(BBP)三种邻苯二甲酸酯总含量应不超过 1000mg/kg。对于单一样品的单一材料的取样量不足 10mg 时予以豁免。	通过, 见附表 3	符合
4.8	笔套安全	--	--
4.8.1	笔套应至少符合 4.8.2、4.8.3 中的一项要求。	通过	符合
4.8.2	笔套尺寸 当笔套在自身重量作用下, 沿轴线方向垂直进入直径为 16mm、厚度不小于 19mm 的环形量规时, 未进入环形量规的笔帽长度应至少为 5mm。	通过环形量规	--

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第4页共7页

测试条款	要求	结果	单项结论
		01	
4.8.3	笔套空气流量 在室温下最大压力差 1.33kPa 时, 流经笔套的空气流量应至少为 8L/min。 注 1:笔套依靠内部通气时,一个截面积约为 3.4mm ² 的圆孔能够满足此项要求,但多个小孔可能要求更大总面积。 注 2:附录 B 给出了笔套依靠外部通气的指南。 注 3:符合本条的笔套被认为不会产生窒息危险。	通过, 见附表 4-5	符合

附表 2: 可迁移元素的限量测试结果汇总 (检测方法: GB 6675.4-2014)

检测项目	锑 (Sb)	砷 (AS)	钡 (Ba)	镉 (Cd)	铬 (Cr)	铅 (Pb)	汞 (Hg)	硒 (Se)
限值	60	25	1000	75	60	90	60	500
RL	5	5	5	5	5	5	5	5
单位	mg/kg							
结果	A1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

备注:

- 1) N.D. = 未检测到 (小于 RL)
- 2) RL = 报告限
- 3) 依据委托单位要求对样品进行混测, 混测细节如下:
A1 = 01.01+01.02+01.03

附表 3: 可触及的塑料件中邻苯二甲酸酯增塑剂的限量测试结果汇总 (检测方法: GB/T 22048-2022)

检测项目	RL (mg/kg)	CAS No.	结果(mg/kg)	限值 (mg/kg)	结论
			C1		
邻苯二甲酸二丁酯 (DBP)	10	84-74-2	N.D.	---	---
邻苯二甲酸丁苄酯 (BBP)	10	85-68-7	N.D.	---	---
邻苯二甲酸二(2-乙基己基)酯 (DEHP) (DOP)	10	117-81-7	N.D.	---	---
总计	---	---	N.D.	1000	符合

备注:

- 1) N.D. = 未检测到 (小于 RL)
- 2) RL = 报告限
- 3) 依据委托单位要求对样品进行混测, 混测细节如下:
C1 = 01.04+01.05+01.06

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第 5 页 共 7 页

附表 4 空气流量 (尖头)				单位 L/min	
样品	气压 (kPa)	笔套一端	气压 (kPa)	笔套另一端	
1	1.33	9.34	1.33	8.82	
2	1.33	9.50	1.33	8.82	
3	1.33	9.30	1.33	8.81	
4	1.33	8.90	1.33	9.45	
5	1.33	8.79	1.33	9.39	
6	1.33	9.37	1.33	8.81	
7	1.33	9.34	1.33	8.82	
8	1.33	9.36	1.33	8.90	
9	1.33	9.44	1.33	8.88	
10	1.33	9.34	1.33	8.82	

附表 5 空气流量 (圆头)				单位 L/min	
样品	气压 (kPa)	笔套一端	气压 (kPa)	笔套另一端	
1	1.33	9.34	1.33	8.92	
2	1.33	9.34	1.33	8.82	
3	1.33	8.79	1.33	9.39	
4	1.33	8.91	1.33	9.44	
5	1.33	9.44	1.33	8.88	
6	1.33	9.36	1.33	8.81	
7	1.33	9.34	1.33	8.82	
8	1.33	8.81	1.33	9.30	
9	1.33	9.33	1.33	8.90	
10	1.33	8.88	1.33	9.37	

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检测报告

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第 6 页 共 7 页

样品照片



*** 报告结束 ***

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第 7 页 共 7 页

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