



# VOC Emissions Test report

## VOC排放测试报告

### 1. Sample Information/样本信息

Applicant name/申请商	Jiaxing city art decoration material co., LTD 嘉兴市艺腾装饰材料有限公司
Address/地址	Room 2003-2, Fortune Plaza, No. 2608, Zhonghuan South Road, Economic and Technological Development Zone, Jiaxing City, Zhejiang Province 浙江省嘉兴市经济技术开发区中环南路2608号福地广场2003室-2
Manufacturer/制造商	Jiaxing city art decoration material co., LTD 嘉兴市艺腾装饰材料有限公司
Address/地址	Room 2003-2, Fortune Plaza, No. 2608, Zhonghuan South Road, Economic and Technological Development Zone, Jiaxing City, Zhejiang Province 浙江省嘉兴市经济技术开发区中环南路2608号福地广场2003室-2
Test laboratory/测试实验室	Shenzhen MONLKA technology Co., Ltd 深圳市莫尼卡产品检测认证技术服务有限公司
Address/地址	Building A、B ,Baoshi Science & Technology Park, Baoshi Road, Shiyao Street Bao'an District, Shenzhen, Guangdong, China(518000) 深圳市宝安区石岩街道宝石路宝石科技园A、B栋
Product identification/产品名称	M yee art paint 米绮罗艺术涂料
Product type/产品类型	N/A
Trade mark/商标	
Batch no./批号	-
Production date/生产日期	-
Date when sample was received/接样日期	14/12/2020
Testing (start - end)/测试周期	16/12/2020 - 12/01/2021

The results are only valid for the tested sample(s).

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结果仅对测试样品有效。

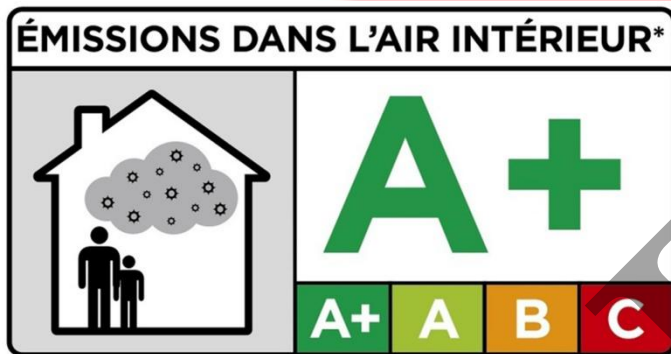
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## 2. Resulting VOC Emissions Class Label/产生VOC排放等级标签

This recommendation is based on French regulation of March 23, 2011 (décret DEVL1101903D) and of April 19, 2011 (arrêté DEVL1104875A). For details please see [www.MONLKA.com/france-voc](http://www.MONLKA.com/france-voc)

此建议基于2011年3月23日法国法规 (décret DEVL1101903D) 和2011年4月19日 (法规 DEVL1104875A)。有关详细信息, 请访问[www.MONLKA.com/france-voc](http://www.MONLKA.com/france-voc)



*\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).*

The product was assigned a VOC emission class without taking into account the measurement uncertainty associated with the result. As specified in French Decree no. 2011-321 of March 23, 2011, correct assignment of the VOC emission class is the sole responsibility of the party responsible for distribution of the product in the French market.

该产品被分配了VOC排放等级, 没有考虑与结果相关的测量不确定性。正如法国法令第4号所述。2011年3月23日的2011-321号, 正确分配VOC排放等级是负责该产品在法国市场销售的一方的责任。

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### 3. Test Method/测试方法

Method/方法	Principle/原理	Parameter/参数	Quantification limit/量化限值	Uncertainty/不确定度	
ISO 16000 parts -3, -6, -9, -11 Internal method numbers: 9810, 9811, 9812, 2808, 8400	GC/MS HPLC/UV	VOC Volatile aldehydes	$\mu\text{g}/\text{m}^3$ $\mu\text{g}/\text{m}^3$	22% (RSD) $U_m = 2 \times \text{RSD} = 45\%$	
<b>Test chamber parameter/试验室参数</b>					
Chamber volume/室体积, l	119	Temperature/温度, °C	23±1	Relative humidity/相对湿度, %	50±5
Air change rate/换气率, 1/h	0.5	Loading ratio/加载率, $\text{m}^2/\text{m}^3$	0.4		
<b>Test condition: Sample stayed in test chamber during the whole 28 days testing period.</b> 试验条件: 样品在整个28天的试验期间停留在试验室内。					
<b>Sample preparation/样品制备</b>					
Application amount/申请总量, $\text{g}/\text{m}^2$	301	Number of layer/层数	1	Drying time/干燥时间, h	-

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#### 4. Results/结果

	Concentration after 28 days (28天后的浓度) $\mu\text{g}/\text{m}^3$	C	B	A	A+
TVOC	217	>2000	<2000	<1500	<1000
Formaldehyde/甲醛	<3	>120	<120	<60	<10
Acetaldehyde/乙醛	<3	>400	<400	<300	<200
Toluene/甲苯	<2	>600	<600	<450	<300
Tetrachloroethylene/四氯乙烯	<2	>500	<500	<350	<250
Ethylbenzene/乙苯	<2	>1500	<1500	<1000	<750
Xylene/二甲苯	<2	>400	<400	<300	<200
Styrene/苯乙烯	<2	>500	<500	<350	<250
2-Butoxyethanol/2-丁氧基乙醇	62	>2000	<2000	<1500	<1000
1,2,4-Trimethylbenzene/ 1,2,4-三甲	<2	>2000	<2000	<1500	<1000
1,4-Dichlorobenzene/1,4-二氯苯	<2	>120	<120	<90	<60

< Means less than/表示小于  
> Means higher than/表示大于

Bill Lee  
Analytical Service Manager/分析服务经理

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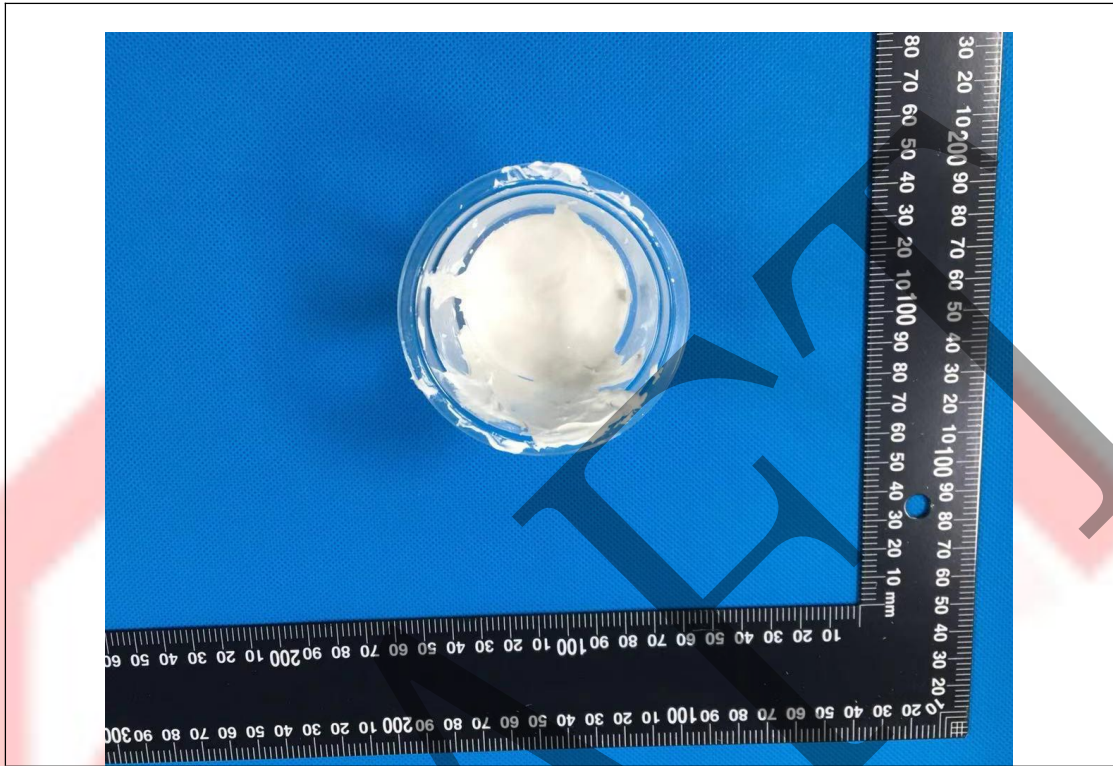
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### 5. Sample photos/样品图片



\*\*\*\*\* END OF THE REPORT \*\*\*\*\*

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