

eurofins



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# **VOC Emissions Test report**

### 1. Sample Information

Sample identification	Fugapox Stile
Batch no.	342.12
Production date	07/12/2012
Date when sample was received	03/01/2013
Testing (start - end)	16/01/2013 - 13/02/2013

### 2. Resulting VOC Emissions Class Label

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.eurofins.com/france-voc



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.

#### 3. Conclusion on CMR emissions

The tested product fulfills the requirements of the French regulation DEVP0908633A of 30 April 2009 and DEVP0910046A of 28 May 2009. For details please see www.eurofins.com/france-voc.





## 4. Test Method

Method	Principle	Parameter	Quantification limit	Uncertainty
ISO 16000 parts -3, -6, -9, -11	GC/MS	VOC	2 μg/m³	
Internal method numbers: 9810, 9811, 9812, 2808, 8400	HPLC/UV	Volatile alde- hydes	3 μg/m³	22% (RSD)
ISO 16000 parts -3, -6, -9, -11	HPLC/UV	4CMR	<1 µg/m³	Um = 2 x
Internal method numbers: 9810, 9811, 9812, 2808, 8400, 2616				RSD=45 %

#### Test chamber parameter

Chamber volume, I	119	Temperature, °C	23±1	Relative humidity, %	50±5
Air change rate, 1/h	0.5	Loading ratio, m <sup>2</sup> /m <sup>3</sup>	0.4		

Test condition: Sample stayed in test chamber during the whole 28 days testing period.

#### Sample preparation

The sample was spread onto glass plate with application amount of 300 g/m<sup>2</sup>.





### 5. Results

	Concentration after 28 days µg/m³	С	В	Α	A+	
TVOC	8.3	>2000	<2000	<1500	<1000	
Formaldehyde	<3	>120	<120	<60	<10	
Acetaldehyde	<3	>400	<400	<300	<200	
Toluene	<2	>600	<600	<450	<300	
Tetrachloroethylene	<2	>500	<500	<350	<250	
Ethylbenzene	<2	>1500	<1500	<1000	<750	
Xylene	<2	>400	<400	<300	<200	
Styrene	<2	>500	<500	<350	<250	
2-Butoxyethanol	<2	>2000	<2000	<1500	<1000	
Trimethylbenzene	<2	>2000	<2000	<1500	<1000	
1,4-Dichlorobenzene	<2	>120	<120	<90	<60	
CMR compounds		Maximum allowed air concentration				
Benzene	<1	<1				
Trichloroethylene	<1	<1				
Dibutylphthalate (DBP) *	<1	<1				
Diethylhex- ylphthalate (DEHP) *	<1	<1				

<sup>&</sup>lt; Means less than

Pascal Ge Analytical Service Manager Dr. Arja Valtanen Analytical Service Manager

Ar Van

<sup>&</sup>gt; Means higher than

<sup>\*</sup> Not a part of our accreditation (EN ISO/IEC 17025:2005) by DANAK (no. 522))