

SEF - SCT D'ENDUCTION ET DE FLOCAGE
110-120 BD DENIS PAPIN

F 53000 LAVAL
FRANCE

A l'attention de Mr Eric Robert

Aix-en-Provence, le 02/03/2022

RAPPORT D'ESSAIS TEST REPORT

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Référence client Customer reference	WHITE 01 / LEMON YELLOW 02 / ELECTRIC RED 04 / BLACK 06
Désignation produit Submitted sample	VELCUT EVO
Référence du rapport Test report reference	CL22-00851 / DC22-00900
Bon de commande Order	

Les déclarations de conformité de ce rapport ne sont couvertes par l'accréditation COFRAC que si l'ensemble des essais de ce rapport est réalisé sous accréditation. / The statement of conformity of this report is under COFRAC accreditation only if all results included in this report are accredited.

Les incertitudes de mesure ne sont pas prises en compte pour conclure sur la conformité des analyses sauf demande spécifique du client
Uncertainties are not taken into account to define compliance on analysis except on specific customer request

Début des essais / beginning of test :	23/02/2022
Fin des essais / end of test :	02/03/2022

Essais demandés / Tests requested	Conclusion
EN 71-3 + A1 (2021) / EN 71-3 + A1 (2021)	Conforme/Pass

Véronique CORRE Responsable Opérationnelle Laboratoire Jouets Toys Laboratory Operational Manager	Tel. : +33 4 42 61 64 51	
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Référence client / Customer reference

WHITE 01 / LEMON YELLOW 02 / ELECTRIC RED 04 / BLACK 06



Description / *Description* : Description / *Description* : VELCUT EVO

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Référence client / Customer reference WHITE 01 / LEMON YELLOW 02 / ELECTRIC RED 04 / BLACK 06

Désignation essais
Tests designationRésultats
ResultsEN 71-3 + A1 (2021) (*) (R)
EN 71-3 + A1 (2021) (*) (R)EN 71-3 Catégorie III : Matériau gratté (ICP-MS)
EN 71-3 Category III : Scrapped-off materials (ICP-MS)

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Référence client / Customer reference

WHITE 01 / LEMON YELLOW 02 / ELECTRIC RED 04 / BLACK 06

Elément soluble mg / kg <i>Soluble element mg / kg</i>	Echantillons / Samples			L.Q (mg/kg)	Limites réglementaires (mg/kg)
	CL22-00851.001	CL22-00851.002	CL22-00851.003		
(°)(R)					
Masse (g)	0,254	0,260	0,257		
Volume (ml)	12,700	12,975	12,850		
Al (°)	<6,25	<6,25	<6,25	6,25	28 130
As (°)	<0,02	<0,02	<0,02	0,02	47
B (°)	<6,25	<6,25	<6,25	6,25	15 000
Ba (°)	<6,25	<6,25	<6,25	6,25	18 750
Cd (°)	<0,0625	<0,0625	<0,0625	0,063	17
Co (°)	<0,0625	<0,0625	<0,0625	0,063	130
Cr III + Cr VI (a) (°)	0,037	0,037	0,043	0,02	0,053
Cr III	NR*	NR*	NR*	0,2	460
Cr VI	NR*	NR*	NR*	0,05	0,053
Cu (°)	<0,625	<0,625	<0,625	0,625	7 700
Hg (°)	<0,0625	<0,0625	<0,0625	0,063	94
Mn (°)	<0,625	<0,625	<0,625	0,625	15 000
Ni (°)	<0,625	<0,625	<0,625	0,625	930
Pb (°)	<0,25	<0,25	<0,25	0,25	23
Sb (°)	<0,625	<0,625	<0,625	0,625	560
Se (°)	<0,625	<0,625	<0,625	0,625	460
Sn (b) (°)	<0,0625	<0,0625	<0,0625	0,063	180 000
Organoétain	NR*	NR*	NR*	0,125	12
Sr (°)	<6,25	<6,25	<6,25	6,25	56 000
Zn (°)	1,509	2,596	1,901	0,625	46 000
Commentaires	ph1=1,17 ph2=1,22	/	/		
Méthode	C III - 7.4.3.4	C III - 7.4.3.4	C III - 7.4.3.4		

L.Q. = Limite de Quantification / *Quantification Limit*NR* = Non réalisé / *Not conducted***Echantillon Description / Sample Description :**

CL22-00851.001:VELCUT EVO BLACK 06

CL22-00851.002:VELCUT EVO ELECTRIC RED 04

CL22-00851.003:VELCUT EVO LEMON YELLOW 02

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Référence client / Customer reference

WHITE 01 / LEMON YELLOW 02 / ELECTRIC RED 04 / BLACK 06

Elément soluble mg / kg <i>Soluble element mg / kg</i>	Echantillons / Samples			L.Q (mg/kg)	Limites réglementaires (mg/kg)
(°)(R)	CL22-00851.004				
Masse (g)	0,253				
Volume (ml)	12,630				
Al (°)	90,351			6,25	28 130
As (°)	<0,02			0,02	47
B (°)	<6,25			6,25	15 000
Ba (°)	<6,25			6,25	18 750
Cd (°)	<0,0625			0,063	17
Co (°)	<0,0625			0,063	130
Cr III + Cr VI (a) (°)	0,031			0,02	0,053
Cr III	NR*			0,2	460
Cr VI	NR*			0,05	0,053
Cu (°)	<0,625			0,625	7 700
Hg (°)	<0,0625			0,063	94
Mn (°)	<0,625			0,625	15 000
Ni (°)	<0,625			0,625	930
Pb (°)	<0,25			0,25	23
Sb (°)	<0,625			0,625	560
Se (°)	<0,625			0,625	460
Sn (b) (°)	<0,0625			0,063	180 000
Organoétain	NR*			0,125	12
Sr (°)	<6,25			6,25	56 000
Zn (°)	0,694			0,625	46 000
Commentaires	/				
Méthode	C III - 7.4.3.4				

L.Q. = Limite de Quantification / *Quantification Limit*NR* = Non réalisé / *Not conducted***Echantillon Description / Sample Description :**

CL22-00851.004:VELCUT EVO WHITE 01

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Note :

Les résultats imprimés en rouge sont supérieurs aux limites / Results printed in red exceed the limits.

(a) (b) : Pour les valeurs en Chrome et en Etain proches de la limite réglementaire en Chrome VI et organoétains, des tests additionnels doivent être réalisés avec les méthodes spécifiques décrites dans l'EN 71-3 : 2019.

(a) (b) : For the values of Chrome and Tin close to the limit, additional tests should be performed with specific methods according to EN 71-3 : 2019.

Confirmations en Chrome VI : chromatographie ionique/UV visible

Confirmations in Chromium VI: ion chromatography / visible UV

Confirmations en Organoétains : Extraction/Ethylation/GC/MS

Confirmations in Organotins: Extraction / Ethylation / GC / MS

Commentaires sur la méthode de préparation / Comments on preparation method :

- ES : solvant d'extraction / extraction solvent : n-heptane
- C : centrifugation de l'échantillon / centrifugation of the sample
- pH: ajout d'acide HCl pour abaisser le pH / HCl addition to lower pH value

*** FIN DU RAPPORT ***

*** END OF REPORT ***

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