

CARSO - LABORATOIRE SANTÉ ENVIRONNEMENT HYGIÈNE DE LYON

Laboratoire Agréé pour les analyses d'eaux par le Ministère de la Santé

ATTESTATION DE CONFORMITE SANITAIRE (ACS)

Certificate of sanitary conformity

Conformément à l'arrêté du 29 mai 1997 modifié et aux circulaires du Ministère de la santé


DGS/VS4 n° 99/217 du 12 avril 1999 et DGS/VS4 n° 2000/232 du 27 avril 2000

Coordonnées du demandeur / Contact details of the ACS owner : SOPREMA 14, rue St Nazaire CS 60121 67025 STRASBOURG Cedex	Nom(s) commercial(aux) du produit fini / Commercial name(s) of the finished product : FLAGON AT blanc
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Type de produit fini / Type of finished product :		
<input type="checkbox"/> tube / pipe	<input checked="" type="checkbox"/> Réservoirs / Storage systems	<input type="checkbox"/> joint / seal, gasket, o-ring...
<input type="checkbox"/> revêtement pour tubes / coating for pipes	<input checked="" type="checkbox"/> Produits pour réservoirs / Products for storage systems	<input type="checkbox"/> composant d'accessoires / accessories component
<input type="checkbox"/> produit de jointoyage / sealing product	<input type="checkbox"/> raccord et manchon / fittings	<input type="checkbox"/> autre / other :
Nature du matériau / Type of material :		
<input checked="" type="checkbox"/> polychlorure de vinyl PVC	<input type="checkbox"/> polybutylène PB	<input type="checkbox"/> éthylène-propylène EPDM
<input type="checkbox"/> PVC surchloré PVC-C	<input type="checkbox"/> polyamide PA	<input type="checkbox"/> butadiène-acrylonitrile NBR
<input type="checkbox"/> polyéthylène PE	<input type="checkbox"/> polytétrafluoroéthylène PTFE	<input type="checkbox"/> autre / other : polyurethane
<input type="checkbox"/> polyéthylène réticulé PEX	<input type="checkbox"/> acrylonitrile-butadiène-styrène ABS	
<input type="checkbox"/> polypropylène PP	<input type="checkbox"/> à base de résine époxydique / epoxy resin	
Température(s) d'utilisation / Temperature(s) for the use :		
<input checked="" type="checkbox"/> Eau froide / Cold water	<input type="checkbox"/> Eau chaude / Warm water	<input type="checkbox"/> Eau très chaude / Hot water
Commentaires / Comments : Couleur du matériau / Material color : blanche / white		
N° de dossier attribué par le laboratoire habilité / File reference : 20 MAT LY 204		

Formulation chimique / Chemical formulation : Vérifiée par le laboratoire et conforme aux listes positives Checked by the laboratory and conform to the positive lists

Essais de migration réalisés selon les normes NF EN 1420, NF EN 13052-1 & NF EN 12873-1 ou -2: Migration tests performed according to the standards NF EN 1420, NF EN 13052-1 & NF EN 12873-1 or -2: Rapport S/V testé / S/V tested ratio : 1.6 dm ⁻¹ (NF EN 1420 & NF EN 13052-1) & 5.1 (NF EN 12873-1) Facteur de conversion associé / Associated conversion factor : 1 day/dm Date des essais / Tests date : du 26 Octobre 2020 au 05 Avril 2022 / from October 26, 2020 to April 5, 2022 Commentaires : Les essais d'inertie n'ont fait apparaître aucune anomalie. Les résultats sont conformes aux critères d'acceptabilité fixés en annexe 1. Comments : The migration tests do not bring out any anomaly. The results are in accordance with the acceptance criteria set out in annex 1.

Attestation délivrée par / Certificate issued by : Christelle AUTUGELLE Responsable Laboratoire MCDE CARSO-LSEHL	Signature : 
A la date du / Date of issue : 23 Juin 2022	
Date d'expiration de l'ACS / Expiry date : 23 Juin 2027	
Commentaires / Comments : /	

F_MC164_1 Rédaction : CAU / Validation : SFR / Approbation : CBE - 03/02/2020

Annexe 1 : critères d'acceptabilité / Annex 1 : acceptance criteria

ANNEXE 1 - Acceptance levels

Parameters	Testing method	Analytical method	Acceptance levels	Units	
S é r i a l I	NF EN 1420	NF EN 1622	1) Pipes < 80 mm : After 10 days : if TON/TFN ≤ 8,0 the product is deemed to have passed and the test can be stopped. After 10 days : if TON/TFN > 16,0 the product is deemed to have failed After 10 days : if 8,0 < TON/TFN ≤ 16,0 the test can be continued for up to 31 days. After 31 days : if TON/TFN ≤ 8,0 the product is deemed to have passed. If TON/TFN > 8,0 the product is deemed to have failed.		
			2) Pipes > 80 mm, fittings, accessories, membranes, seals and adhesives : After 10 days : if TON/TFN ≤ 2,0 the product is deemed to have passed and the test can be stopped. After 10 days : if TON/TFN > 4,0 the product is deemed to have failed After 10 days : if 2,0 < TON/TFN ≤ 4,0 the test can be continued for up to 31 days. After 31 days : if TON/TFN ≤ 2,0 the product is deemed to have passed. If TON/TFN > 2,0 the product is deemed to have failed.		
	Color	NF EN 13052-1	NF EN ISO 7887	≤ 10 for the 10th day (3rd period in cold water, 7th period in warm or hot water) or for the 31th day (9th period in cold water, 22nd period in warm or hot water) if tests were prolonged	mg/L Pb/Co
	Turbidity	NF EN 13052-1	NF EN ISO 7027	≤ 0.5 for the 10th day (3rd period in cold water, 7th period in warm or hot water) or for the 31th day (9th period in cold water, 22nd period in warm or hot water) if tests were prolonged	NFU
	TOC	NF EN 12873-1 NF EN 12873-2	NF EN 1484	After 10 days : if TOC ≤ 0.5 the product is deemed to have passed and the test can be stopped. After 10 days : if TOC > 2,0 the product is deemed to have failed After 10 days : if 0,5 < TOC ≤ 2,0 the test can be continued for up to 31 days. After 31 days : if TOC ≤ 0.5 the product is deemed to have passed. If TOC > 0.5 the product is deemed to have failed	mg/L
S é r i a l 2	NF EN 12873-1 NF EN 12873-2	Analysis or calculation	Substances with a MTCtap mentioned in the PL* ≤ MTCtap (BPA : not detected) for the 10th day (3rd period in cold water, 7th period in warm or hot water) or for the 31th day (9th period in cold water, 22nd period in warm or hot water) if tests were prolonged	µg/L	
			GC-MS screening		For cold water only : for the 10th day (3rd period) or for the 31th day (9th period) if tests were prolonged : ≤ 1 for each peak ≤ 5 for the sum of the peaks
	Metallic and mineral elements by ICP-MS + Mercury	NF EN 12873-1 NF EN 12873-2	NF EN ISO 17294-2 + NF EN 1483 or NF EN ISO 17852 or NF EN 12338	≤ 0.1 x LQ* (for parameters with a LQ mentioned in the decree dated January 11, 2007 ¹) for the 10th day (3rd period in cold water, 7th period in warm or hot water) or for the 31th day (9th period in cold water, 22nd period in warm or hot water) if tests were prolonged	µg/L
				total THM for chlorinated water only	≤ 10 for the 10th day (3rd period in cold water, 7th period in warm or hot water) or for the 31th day (9th period in cold water, 22nd period in warm or hot water) if tests were prolonged

* MTC tap = Maximale Tolerable Concentration admissible at the tap / PL = Positive lists / LQ = Limit of Quality

¹ Arrêté du 11 janvier 2007 modifié relatif aux limites et références de qualité des eaux brutes et des eaux destinées à la consommation humaine mentionnées