

**SYPAC**

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**Mr Erik Devallon**

Technical College

22314 Courtrai

**DATE OF REPORT :** 04/07/2017

File number : 170313 001328 01

Sample number : 109943

Reference TYI\_ROW

**SAMPLE INFORMATION :**

Identification : Infill

Matrix : POLYMER

Order Number : test 13/03/17

Reception date : 03/13/2017

Norms References : EN 71-3, US EPA 8270 and US EPA 3550

**SAMPLING INFORMATION :**

Date : 03/13/2017

Sampler : Mr Erik Devallon

| Analyzed parameters   | Results | Units | Limits  | Methods         |
|-----------------------|---------|-------|---------|-----------------|
| Aluminium             | 292     | mg/kg | <70000  | ICP             |
| Antimony              | <0.05   | mg/kg | <560    | ICP             |
| Arsenic               | <0.05   | mg/kg | <47     | ICP             |
| Barium                | 9.98    | mg/kg | <18750  | ICP             |
| Boron                 | 2.60    | mg/kg | <15000  | ICP             |
| Cadmium               | <0.05   | mg/kg | <17     | ICP             |
| Chromium              | 3.72    | mg/kg |         | ICP             |
| Chromium 3            | 3.72    | mg/kg | <460    | Calculation     |
| Chromium VI           | <0.004  | mg/kg | 0,2     | Colorimetry     |
| Cobalt                | 0.18    | mg/kg | <130    | ICP             |
| Copper                | 4.37    | mg/kg | <7700   | ICP             |
| Lead                  | 0.23    | mg/kg | <160    | ICP             |
| Manganese             | 0.56    | mg/kg | <15000  | ICP             |
| Mercury               | <0.005  | mg/kg | <94     | Internal method |
| Nickel                | 0.19    | mg/kg | <930    | ICP             |
| Selenium              | <0.05   | mg/kg | <460    | ICP             |
| Strontium             | 0.38    | mg/kg | <56000  | ICP             |
| Tin                   | <0.05   | mg/kg | <180000 | ICP             |
| Zinc                  | 42.5    | mg/kg | <46000  | ICP             |
| Benzo(a)pyren         | 0.42    | mg/kg |         | CPG/MS          |
| Benzo(e)pyren         | 0.58    | mg/kg |         | CPG/MS          |
| Benzo(a)anthracen     | 0.28    | mg/kg |         | CPG/MS          |
| Chrysen               | 0.25    | mg/kg |         | CPG/MS          |
| Benzo(j+b)fluoranthen | 0.31    | mg/kg |         | CPG/MS          |
| Benzo(k)fluoranthen   | 0.25    | mg/kg |         | CPG/MS          |
| Dibenzo(a,h)anthracen | 0.20    | mg/kg |         | CPG/MS          |
| PAH (sum)             | <2.29   | mg/kg |         | CPG/MS          |

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|---------------------|---------|-------|--------|---------|
|---------------------|---------|-------|--------|---------|

**Conclusion :**

1 Heavy metals : compliant

2 Analyses confirmed pattern representative of rubber infill for sport surfaces\*

SPECIMEN

*\*Results mentioned in this report are only valid for the materials sample as they are defined in the present document. Labosport and SYPAC have not verified the sampling location(s) and therefore do not assume any liability or responsibility to the user or other third party, for the accuracy, completeness or representativeness of the sample analyzed. Any party who makes use of any part of this report (a "User") does so at its own risk and shall indemnify Labosport, SYPAC and their officers, directors, servants, consultants and agents against all claims, proceedings, actions, damages, costs, expenses and any other liabilities for loss or damage to any property, or injury or death to any person that may be made against or incurred by Labosport or SYPAC arising out of or in connection with such User's use of this report.*

Validation date : 04/07/2017

BAUDRILLART Eglantine  
General Manager

