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TEST REPORT

20 November 2025

Sample Information

Sample name	Sigma Tigron Aqua Matt
Sample reception	29/10/2025
Sample no.	392-2025-00529801
Analysis period	04/11/2025 - 13/11/2025

Brief Evaluation of the Result

Type of analysis	Conclusion	Standard
Migration of certain elements	Pass	EN 71-3:2019 + A1:2021, Category III

Full details based on the testing and direct comparison with limit values are available in the following pages



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*: Not accredited

<: Less than

>: Greater than

LOD: Limit of detection

Um(%): The expanded uncertainty Um(%) equals 2 x RSD%. For further information please visit www.eurofins.dk/uncertainty

The analysis are carried out on the sample(s) as received and the result(s) are only valid for the tested sample(s).

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⌘: Internal test method

n.d: Not detected

n.m: Not measurable

LOQ: Limit of quantification

Results

392-2025-00529801 (Sigma Tigron Aqua Matt)

Code	Name	Limits – Category III [mg/kg]	Result [mg/kg]	LOD [mg/kg]	Um(%)
PSH8F	Migration of Certain Elements				
	Aluminium (Al)	≤ 28130	391	10	-
	Antimony (Sb)	≤ 560	< 10	10	-
	Arsenic (As)	≤ 47	< 10	10	-
	Barium (Ba)	≤ 18750	< 10	10	-
	Boron (B)	≤ 15000	< 10	10	-
	Cadmium (Cd)	≤ 17	< 8	8	-
	Chromium (Cr) #1	-	< 0.025	0.025	-
	Chromium (III)	≤ 460	< 5	5	-
	Chromium (VI)	≤ 0.053	< 0.025	0.025	-
	Cobalt (Co)	≤ 130	< 10	10	-
	Copper (Cu)	≤ 7700	< 10	10	-
	Lead (Pb)	≤ 23	< 10	10	-
	Manganese (Mn)	≤ 15000	< 10	10	-
	Mercury (Hg)	≤ 94	< 10	10	-
	Nickel (Ni)	≤ 930	< 10	10	-
	Selenium (Se)	≤ 460	< 10	10	-
	Strontium (Sr)	≤ 56000	< 10	10	-
	Tin (Sn)	≤ 180000	< 3.2	3.2	-
	Organic Tin #2	≤ 12	< 0.1	0.1	-
	Zinc (Zn)	≤ 46000	376	10	-

Method Reference

BS EN 71-3:2019 + A1:2021 - Migration of Certain Elements
 General Elements : BS EN 71-3:2019 + A1:2021 [ICP-MS]
 Soluble Chromium (VI) : BS EN 71-3:2019 + A1:2021 [IC-UV-Vis]
 Soluble Organic Tin : BS EN 71-3:2019 + A1:2021 [GC-MS]

Comment

Note: 1 mg/kg = 1ppm = 0.0001%

#1 – If the migration of total Chromium exceeded the screening limit of Chromium (VI), the migration of Chromium (VI) was verified.

#2 – If migration of tin exceeded the screening limit of organic tin, the migration of organic tin was verified. The migration of organic tin is calculated by adding the migration values expressed as tributyltin for all the single organic tin compounds.

- Sample tested: coating, evaluated as Coating according to EN 71-3, category III

- Test performed at Eurofins Testing Technology (Shenzhen) Co., Ltd.

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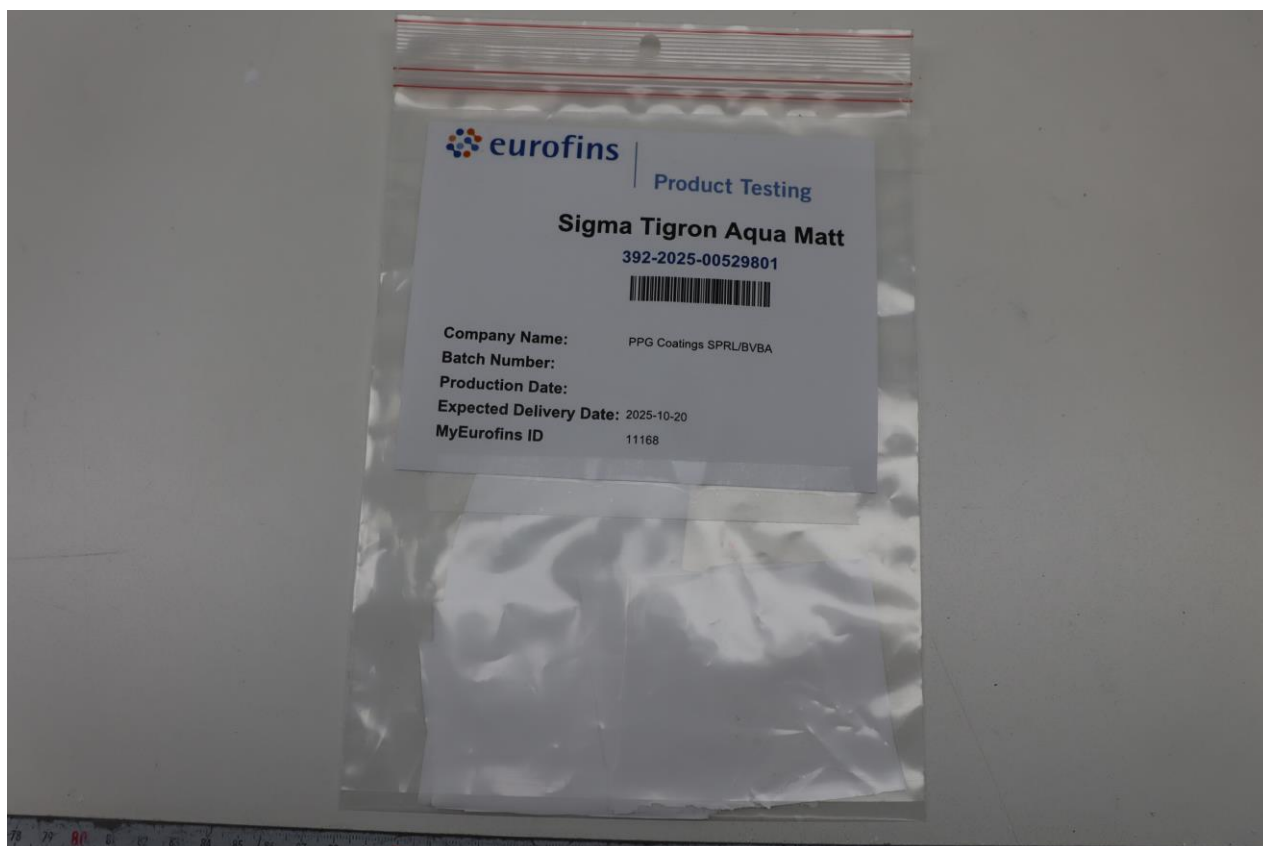
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Picture of Sample



Version History

Report date	Report number	Modification
20/11/2025	392-2025-00529801_XN_EN	Current version

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