

Nordic Sporting Clays ApS
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TEST REPORT

23 May 2023

Sample Information

Sample name	Bio-clays 3.0
Sample reception	04/05/2023
Sample no.	392-2023-00209301
Analysis period	08/05/2023 - 15/05/2023

Brief Evaluation of the Results

Type of analysis	Conclusion	Regulation or protocol
Content analysis of Polycyclic Aromatic Hydrocarbons (PAH)	Pass	German GS-Specification, AfPS GS 2019:01 PAK, Category 1, 2 and 3.

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

Eurofins Product Testing A/S



Jeanette K. Pedersen
Analytical Service Manager

*: 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

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Results

392-2023-00209301 (Bio-clays 3.0)

Code	Name	CAS	Result	Unit	LOQ	Unit	Um(%)
JR0EC	Polycyclic Aromatic Hydrocarbons (PAHs)						
	Naphthalene	91-20-3	< 0.1	mg/kg	0.1	mg/kg	30
	Phenanthrene	85-01-8	< 0.1	mg/kg	0.1	mg/kg	30
	Anthracene	120-12-7	< 0.1	mg/kg	0.1	mg/kg	30
	Fluoranthene	206-44-0	< 0.1	mg/kg	0.1	mg/kg	30
	Pyrene	129-00-0	< 0.1	mg/kg	0.1	mg/kg	30
	Benzo(a)anthracene	56-55-3	< 0.1	mg/kg	0.1	mg/kg	30
	Chrysene	218-01-9	< 0.1	mg/kg	0.1	mg/kg	30
	Benzo(b)fluoranthene	205-99-2	< 0.1	mg/kg	0.1	mg/kg	30
	Benzo(k)fluoranthene	207-08-9	< 0.1	mg/kg	0.1	mg/kg	30
	Benzo(j)fluoranthene	205-82-3	< 0.1	mg/kg	0.1	mg/kg	30
	Benzo(a)pyrene	50-32-8	< 0.1	mg/kg	0.1	mg/kg	30
	Benzo(e)pyrene	192-97-2	< 0.1	mg/kg	0.1	mg/kg	30
	Indeno(1,2,3-cd)pyrene	193-39-5	< 0.1	mg/kg	0.1	mg/kg	30
	Dibenz(a,h)anthracene	53-70-3	< 0.1	mg/kg	0.1	mg/kg	30
	Benzo(g,h,i)perylene	191-24-2	< 0.1	mg/kg	0.1	mg/kg	30
	Sum 15 PAH		< 0.2	mg/kg	-	mg/kg	-

Method Reference

Internal method : PV 01364 2021-03 : AfPS GS 2019-01 [GC-MS]

Comment

- Test performed at Eurofins CPT GmbH - DIN EN ISO/IEC 17025:2018 DAKKS D-PL-14435-01-00

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Summary and Evaluation of the Results

15 PAHs – AfPS GS 2019:01 PAK Document (01.07.2020)

Maximum PAH contents (mg/kg) for components of relevant contact/handle/actuation areas, that are to be categorized following the results of the risk assessment.

Parameter	Category 1	Category 2			Category 3		
	Components that are to be taken into the mouth or toy components with intended and long term skin contact (> 30 sec.) - in toys according to DIRECTIVE 2009/48/EC or - for the use by children up to three years	Use by children /	Other products	Use by children /	Other products	Use by children /	Other products
	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	
Benzo(a)pyrene	< 0.2	< 0.2	/	< 0.5	< 0.5	/	< 1
Benzo(e)pyrene	< 0.2	< 0.2	/	< 0.5	< 0.5	/	< 1
Benz(a)anthracene	< 0.2	< 0.2	/	< 0.5	< 0.5	/	< 1
Benzo(b)fluoranthene	< 0.2	< 0.2	/	< 0.5	< 0.5	/	< 1
Benzo-(j)fluoranthene	< 0.2	< 0.2	/	< 0.5	< 0.5	/	< 1
Benzo-(k)fluoranthene	< 0.2	< 0.2	/	< 0.5	< 0.5	/	< 1
Chrysene	< 0.2	< 0.2	/	< 0.5	< 0.5	/	< 1
Dibenzo(a,h)anthracene	< 0.2	< 0.2	/	< 0.5	< 0.5	/	< 1
Benzo(g,h,i)perylene	< 0.2	< 0.2	/	< 0.5	< 0.5	/	< 1
Indeno(1,2,3-cd)pyrene	< 0.2	< 0.2	/	< 0.5	< 0.5	/	< 1
Phenanthrene, Pyrene, Anthracene, Fluoranthene	< 1 (sum)	< 5 (sum)	/	< 10 (sum)	< 20 (sum)	/	< 50 (sum)
Naphthalene	< 1	< 2			< 10		
Sum 15 PAH	< 1	< 5	/	< 10	< 20	/	< 50

Consequently the product tested **complies** with the requirements as follows:

Category 1: PASS

Category 2: PASS

Category 3: PASS

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Picture of Sample



Version History

Report date	Report number	Modification
23/05/2023	392-2023-00209301_XN_EN	Current version

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