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AB 1609

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ASBESTOS BULK SAMPLE ANALYTICAL REPORT

Analysis report N°: AR-21-RI-045337-01
Lab reference N° 21RI059996
Received in the lab: 28/06/2021
Analysis date: 28/06/2021
Customer Folder Reference :EUNOMO-00063095 Norwegia Moss

Report issue date : 29/06/2021 4:15
Folder follow-up reference number: 439-2021-0625
Reception date:

Spl. N°	Customer reference	Visual description	Used technique / Analyst	Preparation		Results
				Prep nb / Grids or slides nb	Type	
001	439-2021-06250203 - 1 Del av bygningsplate	Hard panel-type material (fibrous) (grey)	**TEM** / KV9E	1 / 2	Calcination and/or acid attack (internal treatment method)	No asbestos fibres detected
002	439-2021-06250204 - 2 Støvprøve på tape frå loft	Material (pulverulent) (grey) ; flexible material (transparent)	**TEM** / KV9E	1 / 2	Calcination and/or acid attack (internal treatment method)	No asbestos fibres detected
003	439-2021-06250205 - 3 Støvprøve på tape frå 2.etg oppå skåp	Material (pulverulent) (grey) ; flexible material (transparent)	**TEM** / KV9E	1 / 2	Calcination and/or acid attack (internal treatment method)	No asbestos fibres detected

Analytical method used for the determination of asbestos fibres in bulk materials:

TEM: Asbestos fibres determination. Treatment by calcination and/or acid attack. Detection and identification by Transmission Electron Microscopy equipped with Energy Dispersive X-ray Spectrometry analyzer (EDS) performed according to the standard: NF X 43-050: January 1996

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Note 1 : Traceability information are available on request. This report in English is a copy of the original version of the report in Polish language, which is saved and kept internally by the lab.
Note 2 : Without specific information mentioned on the report, by default, the lab performs a layer-by-layer analysis of the sample sent by the customer. It was not possible to separe for analysis the components that are described together in the same layer.
Note 3 : This present report only mentions conclusive analysis. However, according to its offer and LAB GTA 44, the laboratory uses both techniques PLM and TEM on all bulk samples. The mention on the report of technical analysis by TEM indicates that samples have been treated according to appendice 2 of HSG 248 guide (PLM) but without having a conclusive result.
Note 4 : For asbestos research in materials, the detection limit that is guaranteed for each test sample (in PLM and/or TEM) is 0.1% in weight.
Note 5 : "No asbestos fibres detected" on PLM, means that the layer can contain asbestos fibres optically visible in a rate lower to the detection limit that is guaranteed. To be optically visible, a fibre needs to have a diameter greater than 0.2 µm. "No asbestos fibres" on TEM means that the layer can contain asbestos fibres in a rate that is lower to the detection limit that is guaranteed.
Note 6 : The accreditation scope of the laboratory is referenced under AB 1609 number and it is available on https://pca.gov.pl/.
Note 7 : The sampling is the responsibility of the customer.
Note 8 : Analysis performed within the framework of French regulation: Decree n° 2017-899 of 9th of May 2017, Decree n° 2019-251 of 27th of March 2019, Decree n° 2011-629 of 3rd of June 2011, Decree of 1st of October 2019 (JORF n°0245 of 20th of October 2019 text n° 18).
Note 9 : The report is established within the framework of case 1 of article 6 of decree of 1st of October 2019, namely the detection and identification of asbestos added intentionally in materials and manufactured products.

Validated and approved by:

Agnieszka Chlebek
Shift Leader

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