

Requested by Nunnanlahden Uuni Oy
Joensuuntie 1344 C
FIN-83940 NUNNANLAHTI

Order Letter of 24 November 2000 by Hannu Kokkonen

Sample Soapstone tiles:
1. polished tile, 2 sample pieces of size 50 x 100 x 13 mm
2. unpolished tile (sawn surface), 2 sample pieces, size 50 x 100 x 17 mm.
The customer delivered the sample to the Research Institute on 27 November 2000.

Object To study whether the soapstone materials meet the requirements of Decision 400/96 (Directive 89/109/EEC) and Decision 268/92 of the Ministry of Trade and Industry on materials and articles coming into contact with foodstuffs.

Performance and results

The sample pieces were examined for metals (lead, cadmium, chromium, and nickel) following the method mentioned in Decision 268/92 and described in Decision 267/92 of the Ministry of Trade and Industry. In the test, the sample pieces were totally immersed in the test media. In the test, metals were dissolved into 4% aqueous solution of acetic acid during 24 hours in room temperature ($22^{\circ}\text{C} \pm 2^{\circ}\text{C}$) as follows:

	Metals dissolved	Limit value
Lead	less than 0.05 mg/dm ²	0.50 mg/dm ²
Cadmium	less than 0.005 mg/dm ²	0.10 mg/dm ²
Chromium	less than 0.05 mg/dm ²	2.0 mg/dm ²
Nickel	less than 0.05 mg/dm ²	2.0 mg/dm ²

The determinations were performed during the period from 30 November to 13 December 2000.

Statement On the basis of the research results, the opinion of the Research Institute is that any soapstone material identical to the samples meets, with regard to the properties studied, the requirements of Decision 268/92 of the Ministry of Trade and Industry. With regard to Decision 400/96 of the Ministry of Trade and Industry (Directive 89/109/EEC), no objection exists to the use of the materials in contact with foodstuffs.

Espoo, 14 December 2000

Senior Research Scientist

Helena Liukkonen-Lilja
Helena Liukkonen-Lilja

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Senior Research Scientist

Thoa Sipiläinen-Malm
Thoa Sipiläinen-Malm



VTT Biotechnology is an official food research institute as specified in Finnish Food Act 361/95 (Decision of the Ministry of Trade and Industry 710/96 § 6).