



Handled by, department  
Peter Nyman  
Chemistry and Materials Technology  
+46 10 516 52 77, peter.nyman@sp.se

Villeroy & Boch Gustavsberg AB  
Att: Matti Weineland  
447 81 VÅRGÅRDA

## Migration of heavy metals

### Object

Two mixers and one spout forwarded by the commissioner.

Marking:

- 1) Nautic Chrome, Sink mixer, shut off -art.nr.GB41 204096
- 2) Spout, TC637325
- 3) \* Nautic Chrome, Sink mixer, shut off -art.nr.  
GB41204096

Date of arrival at SP: 2011-03-09  
Date of testing: 2011-03-10--28

### Assignment and method

Migration of metals according to NKB 4 July 1986, sect. 3.3.2 (10 days method).  
The metal determination was performed by ICP-MS.  
Before the test the samples were connected to a water supply system and a water-flow during at least 1 hour.

*\*The sample was tested according to NKB 4 but the pH was adjusted to pH 6.4.*

### SP Technical Research Institute of Sweden

Postal address  
SP  
Box 857  
SE-501 15 BORÅS  
Sweden

Office location  
Västeråsen  
Brinellgatan 4  
Borås

Phone / Fax / E-mail  
+46 10 516 50 00  
+46 33 13 55 02  
info@sp.se

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**Results**

The test was carried out on one sample.

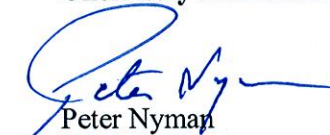
Sample	D9 µg /day Cadmium, Cd	D10 µg /day Cadmium, Cd	D9 µg/day Lead, Pb	D10 µg/day Lead, Pb
1) Nautic Chrome, Sink mixer	<0.1	<0.1	1.8	1.9
2) Spout, TC637325	<0.1	<0.1	1.2	1.1
3) * Nautic Chrome, Sink mixer	<0.1	<0.1	12	12

*\*The sample was tested according to NKB 4 but the pH was adjusted to pH 6.4.*


**Requirements according to 2.3.2 NKB 4**

The quantity of migrated cadmium shall be at most 2 µg per day.  
The quantity of migrated lead from a mixer "per day average" shall be at the most 20 µg for a mixer for water drinking use. The tested mixers fulfil the requirements in the test method NKB 4 point 2.3.2.

**SP Technical Research Institute of Sweden**  
**Chemistry and Materials Technology - Inorganic Analytical Chemistry**



Peter Nyman  
Technical Officer



Conny Haraldsson  
Technical Manager