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CUSTOMER INFORMATION

Akkim Yapı Kimyasalları San.ve Tic. A.Ş.	Date of Sample Arrival : 01/10/2015
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REPORT OF CHEMICAL TESTING AND ANALYSIS

Analysis Reference	Name and identity of test item	Date of Report
BS 6920-1:2000	Spray Polyurea Waterproofing Material (Polyurea FA 1044)	02/12/2015

SUBJECT

This report was prepared by the request of AKKİM YAPI KİMYASALLARI SAN. ve TİC. A.Ş. in accordance with BS 6920-1:2000, for the product Spray Polyurea Waterproofing Material (Polyurea FA 1044) for use in contact with potable water with regard to its effect on the quality of water in terms of metallic impurities.

MEASUREMENT and EVALUATION

In order to determine maximum metal amount that can migrate into water, received sample was immersed in potable water and analyzed according to BS 6920-1: 2000 standard. The material was contacted with water and allowed possible metals to migrate throughout from the sample into the water. Based on the analysis result of the contact water, the product sample is found suitable for use in drinking water systems in terms of element impurities according to BS 6920 standard.

Metal Analysis	Limit	Result
Aluminum (Al) amount , µg/L	≤200	30
Antimony (Sb) amount , µg/L	≤5	No
Arsenic (As) amount , µg/L	≤10	No
Barium (Ba) amount , µg/L	≤1000	No
Cadmium (Cd) amount , µg/L	≤5	No
Chromium (Cr) amount, µg/L	≤50	No
Iron (Fe) amount, µg/L	≤200	No
Lead (Pb) amount µg/L	≤25	No
Manganese (Mn) amount, µg/L	≤50	No
Mercury (Hg) amount, µg/L	≤1	No
Nickel (Ni) amount , µg/L	≤20	<5
Selenium (Se) amount , µg/L	≤10	<1

Supervisor of Physical and Chemical Analysis Section act.

Prof. Dr. Metin TULÜ

Head of Dept: Prof. Dr. Yücel ŞAHİN



Analyst: Mustafa U. GÜRBÜZ

