

Analytical Electron Microscopy Facility (AEMF)

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CLIENT: AQUASYSTEM
Australia & New Zealand

DATE: 12.10.2000

SAMPLE DETAIL: ANTICALC

AEMF N': 840025

SEM testing of water samples from ANTICALC device.

Two water samples were collected from the ANTICALC device: sample 1 collected from the water in before passing through the ANTICALC device and sample 2 collected from the water out, after passing through the ANTICALC device. The water samples were deposited on glass slide, dried in room temperature, coated with carbon and investigated with a JEOL 840 electron probe microanalyser.

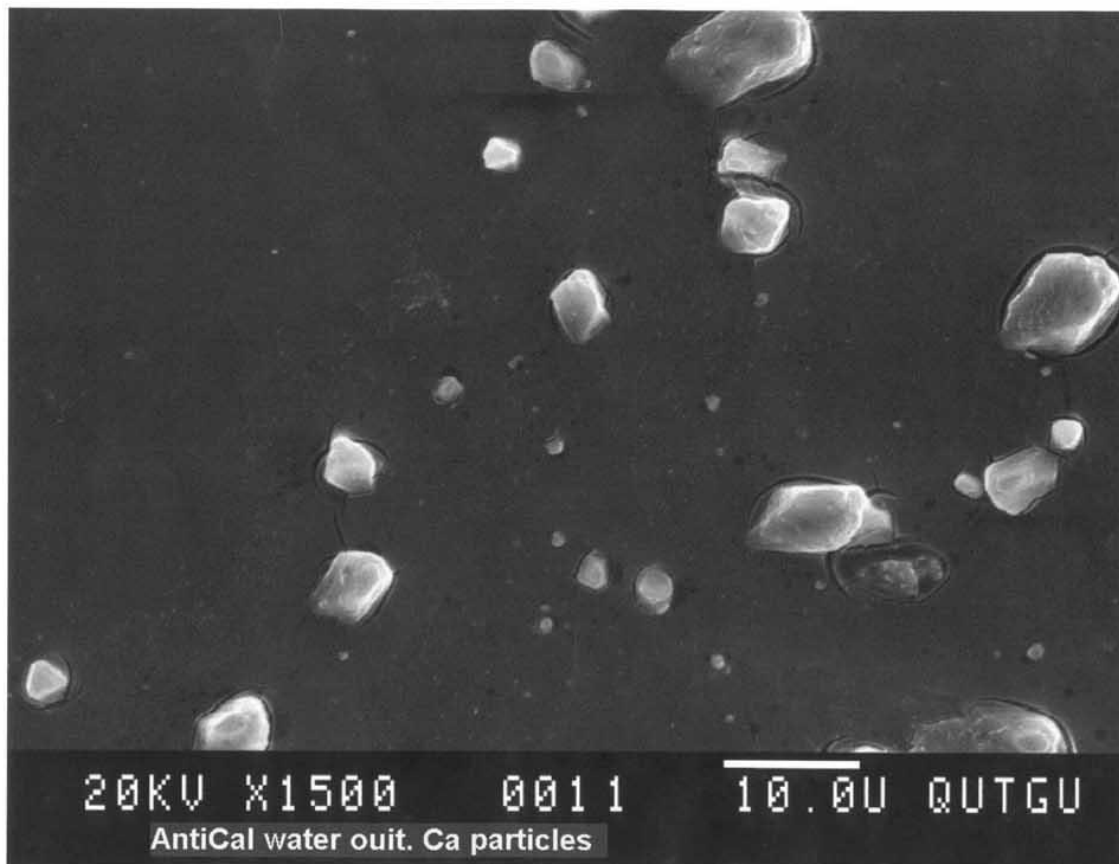
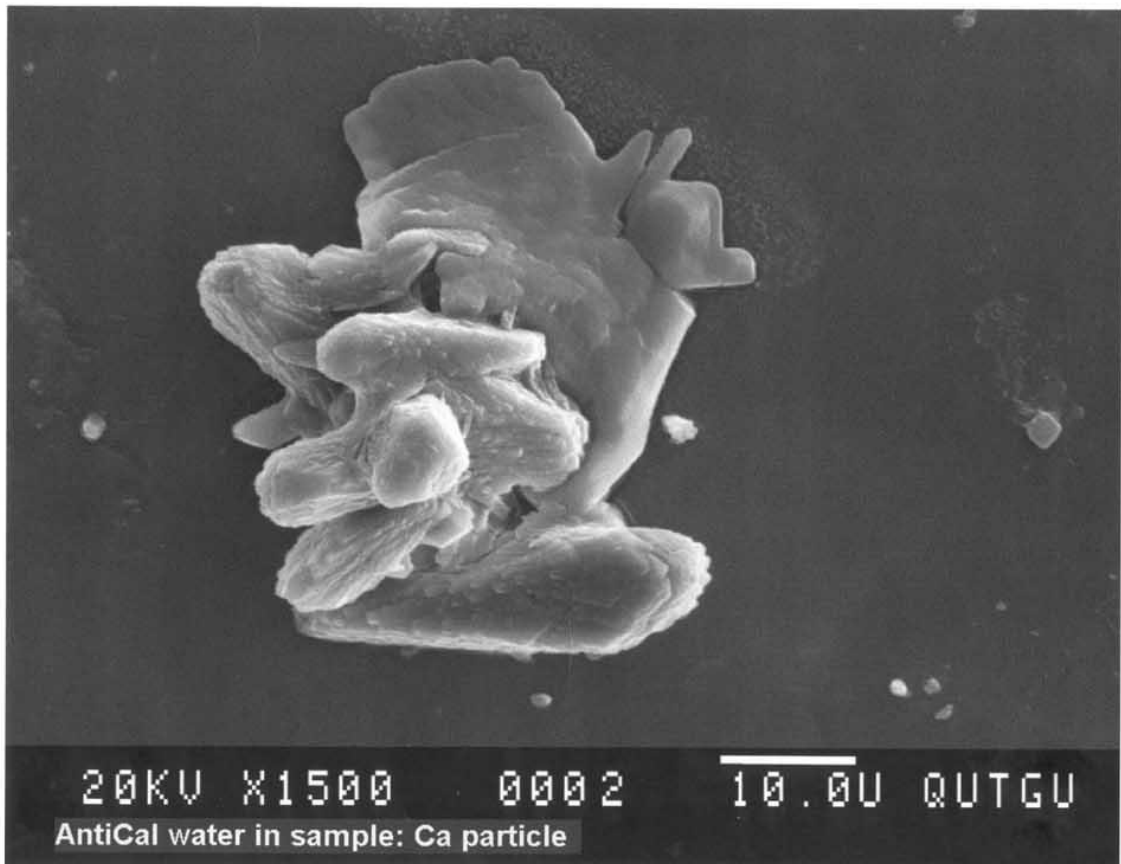
Secondary electron images of the two samples show that they are quite different in grain size

- * Sample 1 showed Calcium particles, which concentrated to form bigger scales.
- * Sample 2 showed small Calcium particles scattered over the surface.

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THE STATEMENT OF IDENTITY

issued

according to § 13 Article 1 of Law No. 264/99 on products technical requirements and on the expertise on identity, and § 1 and § 3 of the Measure of the Office of Standards, Metrology and Testing of the Slovak Republic No. 590/2004 Coll., on the listing of products among permitted products.

The statement of identity is issued by

Commercial name: **AQUASYSTEM, Ltd.**
Address: **Brestová 1, 821 08 Bratislava**
INO: **3579547**

As the producer of the following product:

Name: **Physical modifier of water ANTICALC**
Type: **W-M.H.D.436 3**

Description and function of the product:

The product is designed for a modification of drinkable and technological water, with the aim to prevent the formation of hard and soft precipitates in conduits, water taps, heaters, technological systems etc.

The producer states that

- A. The mentioned product is, at the determined use, secure and that measures have been taken to ensure the identity of all the products brought to the market with the technical documentation and the requirements of the technical regulations mentioned under letter B.
- B. The features of this product fulfill the technical requirements which apply to this product and which are mentioned in the Measure of the Office of Standards, Metrology and Testing of the Slovak Republic No. 590/2004 Coll.
- C. The expertise on identity was done according to:
§ 12 Article 3 Letter b + c of Law No. 264/1999 Coll. in the wording of later directives.
- D. The following regulations were used in the expertise:
Slovak technical norms:

STN 13 3060-2:1979

Technical directives:

Decree of the Ministry of Agriculture of the Slovak Republic and the Ministry of Health of the Slovak Republic No. 1799/2003-100 – Foodstuffs codex
- E. The expertise on identity by the method mentioned under letter C was done by an authorized body:

The technical testing institute in Piešťany, State Company, SKTC-104, Krajinská cesta 2929/9, 921 24 Piešťany, INO: 00 057 380

issued CERTIFICATE No. 00028/104/2005 dated 27. January 2005.

27.1.2005. BRATISLAVA

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Date and place of statement issue

AQUASYSTEM s.r.o.
Brestová 1, 821 02 Bratislava
INO: 3579547
IČ DPH: SK 2020237525

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Name, surname, signature and stamp of the
entitled representative of the importer