# APPELLATION OF ORIGIN: BORJOMI

### NUMBER OF REGISTRATION № 824

DATE OF REGISTRATION: 2012 02 22

PRODUCT NAME FOR WHICH THE REGISTRATION OF THE APPELLATION OF ORIGIN IS REQUESTED:

Class 32 – Natural Mineral Waters

### NAME AND ADDRESS OF THE APPLICANT:

Ministry of Agriculture of Georgia., 6, Marshal Gelovani ave., 0159, Tbilisi (GE).

## SPECIFIC CHARACTERISTICS:

Unlike other mineral waters, "Borjomi" is not in time to become cool under the earth and goes out warm on the earth surface (34-41°C) and on its way gets rich of 60 various minerals composition existing in the Caucasus Mountains.

The water "Borjomi" contains Strontium, Fluorine, Iodine and Boron. Content of Strontium in the well water samples and production is 4.0-20.0 mg/l, content of Fluorine is 3-10.6 mg/l, of Iodine is 0.3-1.5 mg/l and of Boron is 3.0-10.0 mg/l.

### CHEMICAL COMPOUND:

$$M_{60} = \frac{HCO_385CL15}{Na86}CO_2T29,6^{\circ}$$

The water mineralization of the various districts of the water deposit is 2-7 g/l. It has the acid reaction (pH-6.7-6.9). The water temperature varies between 34-41°C.

Some surface active substances: Pesticides, Poly Chlorine Biphenyls, Oils, Polycyclic Aromatic Hydrocarbons were not found in the water "Borjomi".

### DESCRIPTION OF THE GEOGRAPHICAL LOCATION:

The water deposit "Borjomi" is situated in Georgia, in the narrow valley of the river Mtkvari in the city Borjomi, in the central part of the fold mountain system of Achara-Trialeti. The territory comprises 20 sq.km and 3 districts for exploitation: the central district, the district of Likani and the district of Vashlovani-Kvibisi. The water "Borjomi" comes out on the earth surface from 8-10 km depth, with the help of the natural gas and Carbon dioxide pressure.

