

A NEW TYPE OF MINERAL WATER

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Abstract. For the first time the history of the development and results of a detailed chemical analysis of the source of the Khar-dy-Buluk (Kalmykia) are presented: the content of macro-, meso- and micro-components, as well as elements of lanthanum group. The formula of the chemical composition of Khar Buluk' water is presented, which lets to identify it as a new type of mineral water with a high content of magnesium. The proposals on balneologic role of the source are justified.

Keywords: mineral water, the sulfate-chloride-magnesium-sodium type, nitrate, manganese, aluminum, silicic acid, boric acid, lanthanides.