



August 2018

## QUALITY CERTIFICATE

### PERLITE FILTER AID from Paravan Deposit, Georgia

**Field of application:** Expanded Perlite serves as a medium for storage of food products, filter for purification of wines, sugar syrups, beer, fruit juices, and vegetable oils.  
According to **MST 20753664-005-2009** and **GOST 30566-98**

#### Physical and technical characteristics of perlite filter aid

Characteristics	Bulk Density, kg/m <sup>3</sup>	Fineness Mm	Water permeability of the filter, Darcy	Mass fraction of particles floating in the water, %	Mass fraction of dry residues from evaporation, %	Mass fraction of moisture, %
Perlite Filter Aid	140-180 110-130 100-120	0 - 0.140 0 - 0.315 0 - 0.630	0.5-6.0	6-10	0.5	0.4

#### Chemical composition (%)

SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	MnO	CaO	MgO	S	K <sub>2</sub> O	Na <sub>2</sub> O	Cl	P <sub>2</sub> O <sub>5</sub>	H <sub>2</sub> O	Ignition on Loss
73.0-76.0	12.9-13.2	0.5-0.9	0.13	0.08	0.69	0.23	0.00	4.19	3.08	0.04	0.03	0.04	3.7-3.77

**Summary specific activity of radioactive nuclides (of uranium, thorium and potassium) no more than 230 Bq /kg**

