



August 2018

## QUALITY CERTIFICATE

### HORTICULTURAL PERLITE (AGROPERLITE) from Paravan Deposit, Georgia

**Field of application:** Horticulture and agriculture  
According to **MST 20753664-004-2009** and **GOST 10832-2009**

Expanded perlite	Density, kg/m <sup>3</sup>	Humidity %	Porosity %	Ability to absorb for 24 hours	PH	Temperature of expanding °C	Summary specific activity of radioactive nuclides (of uranium, thorium and potassium) Bq/kg
Fraction (0.63-5.0) mm	90-120	0,2	90	Up to 400	6,5 -7	900-950	No more than 230

#### 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	0.5-1.0	0.13	0.08	0.69	0.23	0.00	4.19	3.15	0.04	0.03	0.04	3,7-3,77

