

Product: AMMONIUM NITRATE POROUS PRILLED

Quality characteristics of goods			
Properties		Regulatory standard	Actual results
1	Appearance	Homogeneous granules without extraneous mechanical impurities from white to beige	corresponds to
2	Total nitrogen in terms of NH_4NO_3 in dry substance, %, min	98	99
3	Moisture, %, max	0,5	0,2
4	pH of 10 % water solution, %, min	4,5	5,8
5	Mass fraction of organic additive, %, max	0,15	0,11
6	Mass fraction of $\text{Mg}(\text{NO}_3)$ in terms of MgO , %, max	0,6	0,3
7	Fuel Oil absorption, %, min	10	10
8	Fuel Oil retention, %, min	5,5	6,1
9	Bulk density g/cm^3 , max	0,84	0,76
10	Granule static strength, kg/granule, min	0,3	0,4
11	Granulometric composition (total mass fraction of granules)		
11.1	1 - 3 mm, %, min	90	96
11.2	Max total of granules under 1 mm and more than 3 mm, %	10	4
12	Friability, %, min	100	100