

Figure 1 – Nitrogen adsorption/desorption isotherms on MAS-1 and MAS-2 samples

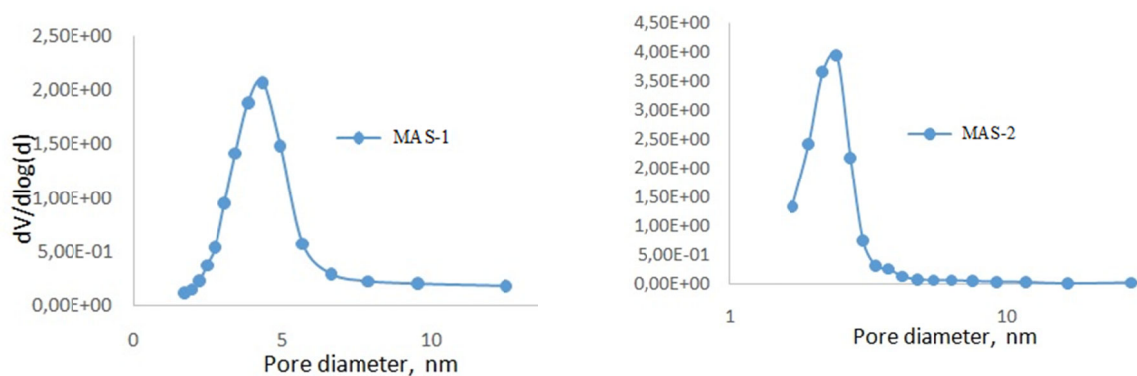


Figure 2 – Pore size distribution for MAS-1 and MAS-2 samples

Table 1 – Physical properties of samples

Sample	Specific surface area, m ² /g	Volume of pores, cm ³ /g	Average pore diameter, nm
MAS-1	511.0	1.469	3.82
MAS-2	1170.0	0.875	2.188

To confirm the mesoporosity and orderliness of the porous structure of the synthesized materials, the X-ray scattering method was used.