STable 1. ICP MS data on the contents of impurity elements in quartz grains (Qtz) obtained from superquartzites (Bural-Sardyk deposit, Eastern Sayan, Russia) after double chemical purification. (Nepomnyashchikh et al. 2017)

Элемент	B	Na	Al	P	K	Ca	Ti	Cu	Mn	Cr	Fe	Σ
C, ppm	0.2	3.5	27	0.2	6.3	0.8	1.7	0.17	0.02	0.01	6	45.9

Nepomnyashchikh, A.I., Demina, T.V., Zhaboedov, A.P., Eliseev, I.A., Lesnikov, P.A., Lesnikov, A.K., Paklin, A.S., Romanov, V.S., Sapozhnikov, A.N., Sokol'nikova, Yu.V., Fedorov, A.M., Shalaev, A.A., Shendrik, R.Yu. 2017. Optical silica glass based on super quartzites from the Eastern Sayan Mountains. Glass Phys. Chem 43 (3), 222-226. doi:10.1134/S1087659617030099