

«VOSTOCHNOE  
RUDOUPRAVLENIE» LLP

Address: 080602, Republic of Kazakhstan,  
Jambylskaya obl., Moyinkum region, Shyganak v.  
14/4 Abay str.  
Tel: 8(727) 70-36-396  
Almaty Branch: 050008, RK, Almaty, 47 Mynbaev str.  
8(727) 269-83-50  
E-mail: [vru@barit.kz](mailto:vru@barit.kz) [office@barit.kz](mailto:office@barit.kz)  
[www.barit.kz](http://www.barit.kz)



ТОО «ВОСТОЧНОЕ  
РУДОУПРАВЛЕНИЕ»

Адрес: 080602, РК, Жамбылской обл.,  
Мойынқумский р-н, п.Шығанак, ул. Абая 14/4  
Тел. 8 (727 70) 36 396.  
Алматы филиал: 050008, РК, г. Алматы,  
ул. Мынбаева 47  
8(727) 269-83-50  
E-mail: [vru@barit.kz](mailto:vru@barit.kz) [office@barit.kz](mailto:office@barit.kz)  
[www.barit.kz](http://www.barit.kz)

## CERTIFICATE OF QUALITY

<b>Material</b>	Powdered Gravitation Barite Concentrate
<b>The manner of production</b>	Produced from the gravitational field of barite concentrate Chiganak mono barite ore
<b>Application:</b>	Applied as hardener for drilling solution, and different branches of industry: varnish paint, glass, on plastic production, friction materials, linoleum, gummy, isolation material, Ba salts, and as protection from ionized radiation, for example, X – rays rooms, for production of heavy grouting cement...
<b>Quality indices</b>	On technology properties is fully accordance with <b>13 A API (American Petroleum Institute)</b> <b>GOST 4682-84. MARK KB-3. CLASS B.</b>
<b>Content of BaSO<sub>4</sub></b>	not less 90 %
<b>Density</b>	not less 4.20 g/sm <sup>3</sup>
<b>Granulometric structure corresponds to follow specification</b>	
Rest on sieve № 200 (ANSI/E – 11 – 81)	not more 3 %
Count of particles less then 6 mkm	not more 25 %
Count of particles less then 5 mkm	not more 10 %
Moisture	not more 1 %
Count of water soluble alkaline earth metals as CaO	not more 0,35 %
Cadmium	not more 3 ppm
Mercury	not more 1 ppm
Lead	not more 1 ppm
<p>The material is delivered in big bags of 1.5 tones Ground barite concentrate is an environmentally friendly product. Barite concentrate fire - explosion-proof, non-toxic.</p>	

This certificate has been issued - the manufacturer of the goods, the company:  
LLP "Vostochnoe Rudoupravlenie", Zhambyl, Kazakhstan.

General director

Z. Zhangoziev

