

No.	Requirement Parameters	Specific Requirements
1	Product Name / Type / Purpose	HotBlock Pro graphite digestion block designed for acid digestion (mineralization) of samples during sample preparation for Atomic Absorption Spectroscopy (AAS), ICP-OES, ICP-MS, and other analytical methods.
2	Place of Delivery	Kyrgyz Republic, Issyk-Kul Region, Kumtor Mine, Inspection and Analytical Laboratory Department.
3	Technical Requirements	Number of positions (wells): 35 . Tube volume: 50 mL or equivalent. Temperature range: ambient +5°C to 200°C or higher . Temperature control accuracy: ±0.1°C . Temperature uniformity across the block: ±1.5°C or better . Heating block material: graphite with corrosion-resistant PTFE coating . Power supply: 220-240 V, 50-60 Hz .
4	Equipment Configuration	Complete system ready for operation, including digestion block, controller, power cable, user manual, and standard accessories required for routine laboratory operation.
5	Supplier Documentation Requirements	Manufacturer's certificate of conformity, quality certificate, product data sheet, operating manual, and warranty letter confirming compliance with the technical specification.
6	Additional Requirements	The system shall be suitable for operation at high altitude conditions exceeding 4,000 meters above sea level . The equipment shall provide stable and uniform heating for sample digestion. Availability of spare parts and technical support shall be considered an advantage.
7	Warranty Requirements	Warranty period: not less than 12 months from the date of commissioning or delivery. Supplier shall provide technical support during the warranty period.
8	Delivery Time	The shortest achievable delivery period shall be considered an advantage.
9	Quantity	1 unit.