

Rate list for metal analysis using ICP-OES

Central Labs at Syed Babar Ali School of Engineering Sciences, LUMS

- Rs. 2,000 per metal (without digestion) and 500 for the second metal in the same sample, if analyzed using the same standard.
- Different standards cover a different range of metals. Therefore, in case two different standards are needed to be used to analyze two different metals in the same sample, analysis for each metal will cost Rs. 2000 and any additional metal if belongs to the metal range covered by the two standards used will cost additional Rs. 500. Same can extrapolated to the situation where three different standards are used.
- Rs. 1,000 per sample if digestion is requested.
- You can apply online and get a price quotation/payment voucher by logging on at <https://register.lums.edu.pk/>. For your understanding and convenience, rate estimations for three hypothetical scenarios are provided below:

Analysis of elements in One sample (Cost in PKR)			
Rates if the elements to be detected are covered by:	(a) single standard	(b) two different standards	(c) three different standards
For three elements in the same sample, e.g., A, B, and C	3000	4500	6000
If digestion is required: Rs. 1,000 per sample if digestion is requested			
Total Cost	4000	5500	7000

Analysis of elements in Two samples (Cost in PKR)			
Rates if the elements to be detected are covered by:	(a) single standard	(b) two different standards	(c) three different standards
For three elements in Two samples, e.g., A, B, and C	4500	4500	6000
If digestion is required: Rs. 1,000 per sample if digestion is requested			
Total Cost	6500	6500	8000

Analysis of elements in Three samples (Cost in PKR)			
Rates if the elements to be detected are covered by:	(a) single standard	(b) two different standards	(c) three different standards
For three elements in Three samples, e.g., A, B, and C	6000	6000	6000
If digestion is required: Rs. 1,000 per sample if digestion is requested			
Total Cost	9000	9000	9000

NOTE: The charges listed above apply only to academia. Rates for industry are twice the stated charges.