

Quality And Accreditation Institute

Centre for International Accreditation



QAI CIA is an ILAC MRA Signatory

Certificate of Accreditation

Chemical Laboratory

*Department of Geology and Mines
Ministry of Energy and Natural Resources
Thimphu, Bhutan*

*has been assessed and accredited in accordance with the Standard
ISO/IEC 17025:2017*

*“General Requirements for the Competence of Testing and Calibration Laboratories”
In the field of
Testing*

*This certificate remains valid for the Scope of Accreditation as specified
in the annexure subject to continued compliance to the above standard &
any other requirements specified by QAI.*



QAI/CIA/TL/2025/0148

Valid from: 25 October 2025

Valid until: 24 October 2027

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA

User is advised to verify the current certificate and scope of accreditation by visiting our website: www.qai.org.in



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Scope of Accreditation

Chemical Laboratory

*Department of Geology and Mines, Ministry of Energy and Natural Resources
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Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Ores and Minerals		
1.	Limestone	% Si as SiO ₂	-Indian Bureau of Mines (IBM) 2012 -Wet chemical method: gravimetric & Titrimetric
2.		% Loss on Ignition (LOI)	
3.		% Mg as MgO	
4.		% Fe as Fe ₂ O ₃	
5.		% Ca as CaO	-American Society for Testing Materials (ASTM) C25 - Wet chemical method - gravimetric method
6.	Iron Ore	% Si as SiO ₂	-Indian Bureau of Mines (IBM) 2012) - Wet chemical method - gravimetric method
7.		% Fe as total iron	
8.	Quartzite/Quartz	% Si as SiO ₂	Test Procedure (SOP/Qtz/001) adapted from Indian Standard IS 1917 (part-3)
9.		% Fe as Fe ₂ O ₃	Indian Bureau of Mines (IBM) 2012
10.		% Loss on Ignition (LOI)	IS 1917 (part-1)

