

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Jalan Hallmarking Centre

C-16, Lajpat Nagar – II,
New Delhi-110024, India

has been assessed and accredited in accordance with the Standard
ISO 17034:2016

“General Requirements for the Competence of Reference Material Producers”
In the field of
Reference Material Producers

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/RMP/2025/0001

Valid from: 31 July 2025

Valid until: 30 July 2027

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA



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Scope of Accreditation
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QAI/CIA/RMP/2025/0001

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Accreditation Standard: ISO 17034:2016

Chemical Composition				
Sl. No.	Types of reference materials (Certified Reference Materials, Reference Materials or both) Category & Subcategory	Reference Material Matrix or Artefact	Property / Properties Characterized	Approach used to assign property values/ Characterization Technique
Permanent Facility				
1.	Certified Reference Material, Chemical Composition- Metals	Gold	Purity of gold	Expert laboratory and value transfer from an RM to closely match candidate RM performed using a single measurement procedure performed by one laboratory (Fire Assay)
2.	Certified Reference Material, Chemical Composition- Metals	Gold Alloy	Gold content	Expert laboratory and value transfer from an RM to closely match candidate RM performed using a single measurement procedure performed by one laboratory (Fire Assay)
3.	Certified Reference Material, Chemical Composition- Metals	Silver	Purity of Silver	Expert laboratory and value transfer from an RM to closely match candidate RM performed using a single measurement procedure performed by one laboratory [Volumetric (potentiometric) method]



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Permanent Facility				
4.	Certified Reference Material, Chemical Composition- Metals	Silver Alloy	Silver content	Expert laboratory and value transfer from an RM to closely match candidate RM performed using a single measurement procedure performed by one laboratory [Volumetric (potentiometric) method]
5.	Certified Reference Material, Chemical Composition- Metals	Lead Alloy	Lead content	Expert laboratory and value transfer from an RM to closely match candidate RM performed using a single measurement procedure performed by one laboratory (Volumetric method)
6.	Certified Reference Material, Chemical Composition- Metals	Copper Alloy	Copper content	Expert laboratory and value transfer from an RM to closely match candidate RM performed using a single measurement procedure performed by one laboratory (Volumetric method)



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Physical Properties				
Sl. No.	Types of reference materials (Certified Reference Materials, Reference Materials or both) Category & Subcategory	Reference Material Matrix or Artefact	Property / Properties Characterized	Approach used to assign property values/ Characterization Technique
Permanent Facility				
1.	Reference Material, Physical Properties- Reference Material with Optical Properties	Natural Diamond loose	4 Cs	Expert laboratory and value transfer from an RM to closely match candidate RM performed using a single measurement procedure performed by one laboratory (Grading of Diamond)
2.	Reference Material, Physical Properties- Reference Material with Optical Properties	Natural Diamond mounted	4 Cs	Expert laboratory and value transfer from an RM to closely match candidate RM performed using a single measurement procedure performed by one laboratory (Grading of Diamond)
3.	Reference Material, Physical Properties- Reference Material with Optical Properties	Lab grown Diamond loose	4 Cs	Expert laboratory and value transfer from an RM to closely match candidate RM performed using a single measurement procedure performed by one laboratory (Grading of lab grown Diamond)

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



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Permanent Facility				
4.	Reference Material, Physical Properties- Reference Material with Optical Properties	Lab grown Diamond mounted	4 Cs	Expert laboratory and value transfer from an RM to closely match candidate RM performed using a single measurement procedure performed by one laboratory (Grading of mounted lab grown Diamond)

