Quality And Accreditation Institute

Centre for International Accreditation

Certificate of Accreditation

Hetero Analytical Solution LLP

Shivam Industrial Park, Shed No. 268-269, Vasna-Chacharwadi Road, Moraiya- 382213, Ahmedabad, Gujarat, 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/2026/0003

Valid from: ***01 November 2026***

Valid until: ***31 October 2028***

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

Hetero Analytical Solution LLP

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QAI/CIA/RMP/2026/0003

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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.	Reference Material, Chemical Composition- Ion Activity	pH Buffer solution	pH	Value transfer from a reference material to a closely matched candidate reference material using a single measurement procedure performed by one laboratory (Electrochemical)
2.	Reference Material, Chemical Composition- Ion Activity	Conductivity Solution	Conductivity	Value transfer from a reference material to a closely matched candidate reference material using a single measurement procedure performed by one laboratory (Electrochemical)
3.	Reference Material, Chemical Composition- Inorganic Reference Materials	Potassium Chloride	Purity	Value transfer from a reference material to a closely matched candidate reference material using a single measurement procedure performed by one laboratory (Titrimetric)

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Permanent Facility				
4.	Reference Material, Chemical Composition- Inorganic Reference Materials	Potassium Hydrogen Phthalate	Purity	Value transfer from a reference material to a closely matched candidate reference material using a single measurement procedure performed by one laboratory (Titrimetric)
5.	Reference Material, Chemical Composition- Inorganic Reference Materials	Potassium Dichromate	Purity	Value transfer from a reference material to a closely matched candidate reference material using a single measurement procedure performed by one laboratory (Titrimetric)
6.	Reference Material, Chemical Composition- Inorganic Reference Materials	Sodium Chloride	Purity	Value transfer from a reference material to a closely matched candidate reference material using a single measurement procedure performed by one laboratory (Titrimetric)

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Permanent Facility				
7.	Reference Material, Chemical Composition-Inorganic Reference Materials	Calcium Carbonate	Purity	Value transfer from a reference material to a closely matched candidate reference material using a single measurement procedure performed by one laboratory (Titrimetric)
8.	Reference Material, Chemical Composition-Inorganic Reference Materials	Sodium Carbonate	Purity	Value transfer from a reference material to a closely matched candidate reference material using a single measurement procedure performed by one laboratory (Titrimetric)
9.	Reference Material, Chemical Composition-Inorganic Reference Materials	Ammonium Sulphate	Purity	Value transfer from a reference material to a closely matched candidate reference material using a single measurement procedure performed by one laboratory (Titrimetric)

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Permanent Facility				
10.	Reference Material, Chemical Composition- Organic Reference Materials	Caffeine	Purity	Value transfer from a reference material to a closely matched candidate reference material using a single measurement procedure performed by one laboratory (High Performance liquid Chromatography- HPLC)
11.	Reference Material, Physical Properties- Reference Material with Optical Properties	Potassium dichromate solution (UV)	Absorbance (AU)	Value transfer from a reference material to a closely matched candidate reference material using a single measurement procedure performed by one laboratory (Spectroscopy)
12.	Reference Material, Physical Properties- Reference Material with Optical Properties	Potassium dichromate solution (VIS)	Absorbance (AU)	Value transfer from a reference material to a closely matched candidate reference material using a single measurement procedure performed by one laboratory (Spectroscopy)

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Permanent Facility				
13.	Reference Material, Physical Properties- Reference Material with Optical Properties	Potassium Chloride solution	Absorbance (AU)	Value transfer from a reference material to a closely matched candidate reference material using a single measurement procedure performed by one laboratory (Spectroscopy)
14.	Reference Material, Physical Properties- Reference Material with Optical Properties	Toluene in Hexane	Absorbance (AU)	Value transfer from a reference material to a closely matched candidate reference material using a single measurement procedure performed by one laboratory (Spectroscopy)
15.	Reference Material, Physical Properties- Reference Material with Optical Properties	Holmium Oxide Solution	Wavelength (nm)	Value transfer from a reference material to a closely matched candidate reference material using a single measurement procedure performed by one laboratory (Spectroscopy)