



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name NUCLEUS ANALYTICAL LABORATORY, NO 30C, 3RD FLOOR, 6TH MAIN, JC INDUSTRIAL LAYOUT, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-8572 Page No. : 1 / 2

Validity 05/07/2019 to 04/07/2021 Last Amended on -

'In view of the transition deadline for ISO/IEC 17025:2017, the validity of this accreditation certificate will cease on 30.11.2020.'

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	CHEMICAL- METALS & ALLOYS	Jewellery Gold and Gold Alloys	Bismuth	ISO 15093 (ICP-OES): 2015	0.11 mg/kg to 12 mg/kg
2	CHEMICAL- METALS & ALLOYS	Jewellery Gold and Gold Alloys	Cadmium	ISO 15093 (ICP OES): 2015	0.001 mg/kg to 12 mg/kg
3	CHEMICAL- METALS & ALLOYS	Jewellery Gold and Gold Alloys	Cobalt	ISO 15093 (ICP OES) : 2015	0.10 mg/kg to 12 mg/kg
4	CHEMICAL- METALS & ALLOYS	Jewellery Gold and Gold Alloys	Iridium	ISO 15093 (ICP OES): 2015	0.001 mg/kg to 12 mg/kg
5	CHEMICAL- METALS & ALLOYS	Jewellery Gold and Gold Alloys	Iron	ISO 15093 (ICP OES): 2015	0.001 mg/kg to 12 mg/kg
6	CHEMICAL- METALS & ALLOYS	Jewellery Gold and Gold Alloys	Lead	ISO 15093 (ICP OES): 2015	0.20 mg/kg to 12 mg/kg
7	CHEMICAL- METALS & ALLOYS	Jewellery Gold and Gold Alloys	Manganese	ISO 15093 (ICP OES): 2015	0.02 mg/kg to 12 mg/kg
8	CHEMICAL- METALS & ALLOYS	Jewellery Gold and Gold Alloys	Nickel	ISO 15093 (ICP OES): 2015	0.035 mg/kg to 12 mg/kg
9	CHEMICAL- METALS & ALLOYS	Jewellery Gold and Gold Alloys	Palladium	ISO 15093 (ICP OES): 2015	0.09 mg/kg to 12 mg/kg
10	CHEMICAL- METALS & ALLOYS	Jewellery Gold and Gold Alloys	Platinum	ISO 15093 (ICP OES): 2015	0.01 mg/kg to 12 mg/kg
11	CHEMICAL- METALS & ALLOYS	Jewellery Gold and Gold Alloys	Rhodium	ISO 15093 (ICP OES): 2015	0.01 mg/kg to 12 mg/kg
12	CHEMICAL- METALS & ALLOYS	Jewellery Gold and Gold Alloys	Ruthenium	ISO 15093 (ICP OES): 2015	0.001 mg/kg to 12 mg/kg
13	CHEMICAL- METALS & ALLOYS	Jewellery Gold and Gold Alloys	Tin	ISO 15093 (ICP OES): 2015	0.001 mg/kg to 12 mg/kg



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
14	CHEMICAL- METALS & ALLOYS	Jewellery Gold and Gold Alloys	Titanium	ISO 15093 (ICP OES): 2015	0.0005 mg/kg to 12 mg/kg
15	CHEMICAL- METALS & ALLOYS	Jewellery Gold and Gold Alloys	Zinc	ISO 15093 (ICP OES): 2015	0.03 mg/kg to 12 mg/kg