

FEDERATION FOR DEVELOPMENT OF ACCREDITATION SERVICES

118-119, First Floor, Sushant Tower, Sector – 56, Gurugram – 122011, Haryana, India.



SCOPE OF ACCREDITATION

(Annexure to Certificate of CL - 138)

Laboratory Name: Nutan Calibration Pvt. Ltd.
1/536E, II Floor, Gali No. 4A, Friends Colony,
Industrial Area, Shahdara, Delhi - 110095

Validity: 10.02.2025 to 07.11.2026 (Extension of Scope) **Amended on** N/A

S.No.	Parameter	Calibration Method/ Procedure & Equipment used as Reference Standard	Range	Uncertainty in Measurement (\pm) *
-------	-----------	---	-------	---

Mechanical Calibration (Laboratory based)

Group: Mass (Weights)				
1	Dead Weight / Newton weight (Non-standard weights)	Using Digital balance Readability 0.00001/0.0001/0.001/0.01/0.1 /1 g, (E1,F1,M1 class weights) by NCPL/SOP/MV/06	1 g to 50 kg	0.1 g to 6 g
Weighing Balance				
1	Weighing Balance (0.001 g) Class-II	Using E1 & F1 Class Standard Weights as per OIML R 76-1&2, 2006. NCPL/SOP/MV/02	0 to 1020 g	2 mg
2	Weighing Balance (0.01 g) Class-II	Using E1 & F1 Class Standard Weights as per OIML R 76-1&2, 2006. NCPL/SOP/MV/02	Up to 6 kg	15 mg
3	Weighing Balance (0.1 g) Class-III	Using E1 & F1 Class Standard Weights as per OIML R 76-1& 2, 2006. NCPL/SOP/MV/02	0 to 30 kg	0.15 g
4	Weighing Balance (1 g) Class-IV	Using E1 & F1 Class Standard Weights as per OIML R 76-1& 2, 2006. NCPL/SOP/MV/02	0 to 50 kg	3.3 g

Amanshu
Dealing Officer

FEDERATION FOR DEVELOPMENT OF ACCREDITATION SERVICES

118-119, First Floor, Sushant Tower, Sector – 56, Gurugram – 122011, Haryana, India.



SCOPE OF ACCREDITATION

(Annexure to Certificate of CL - 138)

Laboratory Name: Nutan Calibration Pvt. Ltd.
1/536E, II Floor, Gali No. 4A, Friends Colony,
Industrial Area, Shahdara, Delhi - 110095

Validity: 10.02.2025 to 07.11.2026 (Extension of Scope) **Amended on** N/A

S.No.	Parameter	Calibration Method/ Procedure & Equipment used as Reference Standard	Range	Uncertainty in Measurement (\pm) *
-------	-----------	---	-------	---

Mechanical Calibration (Laboratory based)

5	Weighing Balance (10 g) Class-IV	Using E1, F1 & M1 Class Standard Weights as per OIML R 76-1&2, 2006. NCPL/SOP/MV/02	0 to 100 kg	14 g
6	Weighing Balance (20 g) Class-IV	Using E1, F1 & M1 Class Standard Weights as per OIML R 76-1&2, 2006. NCPL/SOP/MV/02	0 to 200 kg	20 g
7	Weighing Balance (50 g) Class-IV	Using F1 & M1 Class Standard Weights as per OIML R 76-1&2, 2006. NCPL/SOP/MV/02	0 to 250 kg	50 g
8	Spring Balance (1 g) Class-IV	Using E1 & F1 Class Standard Weights as per OIML R 76-1&2, 2006. NCPL/SOP/MV/05	0 to 10 kg	5 g
9	Spring Balance (5 g) Class-IV	Using E1 & F1 Class Standard Weights as per OIML R 76-1&2, 2006. NCPL/SOP/MV/05	0 to 50 kg	20 g
10	Spring Balance (10 g) Class-IV	Using E1, F1 & M1 Class Standard Weights as per OIML R 76-1&2, 2006. NCPL/SOP/MV/05	0 to 100 kg	30 g

Simanshu
Dealing Officer

FEDERATION FOR DEVELOPMENT OF ACCREDITATION SERVICES

118-119, First Floor, Sushant Tower, Sector – 56, Gurugram – 122011, Haryana, India.



SCOPE OF ACCREDITATION

(Annexure to Certificate of CL - 138)

Laboratory Name: Nutan Calibration Pvt. Ltd.
1/536E, II Floor, Gali No. 4A, Friends Colony,
Industrial Area, Shahdara, Delhi - 110095

Validity: 10.02.2025 to 07.11.2026 (Extension of Scope) **Amended on** N/A

S.No.	Parameter	Calibration Method/ Procedure & Equipment used as Reference Standard	Range	Uncertainty in Measurement (\pm) *
-------	-----------	---	-------	---

Mechanical Calibration (Laboratory based)

11	Spring Balance (20 g) Class - IV	Using E1, F1 & M1 Class Standard Weights as per OIML R 76 -1&2, 2006. NCPL/SOP/MV/05	0 to 200 kg	30 g
12	Spring Balance (50 g) Class - IV	Using F1 & M1 Class Standard Weights as per OIML R 76 -1&2, 2006. NCPL/SOP/MV/05	0 to 250 kg	100 g

Group: Volume

1	Micro Pipette	Weighing Balance (LC-0.01mg) & Distilled water by Gravimetric method as per ISO 8655-6:2022. NCPL/SOP/MV/03	20 μ l to 200 μ l	0.31 μ l
2	Micro Pipette	Weighing Balance (LC-0.01mg) & Distilled water by Gravimetric method as per ISO 8655-6:2022. NCPL/SOP/MV/03	> 200 μ l to 1ml	0.43 μ l

Simanshu
Dealing Officer

FEDERATION FOR DEVELOPMENT OF ACCREDITATION SERVICES

118-119, First Floor, Sushant Tower, Sector – 56, Gurugram – 122011, Haryana, India.



SCOPE OF ACCREDITATION

(Annexure to Certificate of CL - 138)

Laboratory Name: Nutan Calibration Pvt. Ltd.
1/536E, II Floor, Gali No. 4A, Friends Colony,
Industrial Area, Shahdara, Delhi - 110095

Validity: 10.02.2025 to 07.11.2026 (Extension of Scope) **Amended on** N/A

S.No.	Parameter	Calibration Method/ Procedure & Equipment used as Reference Standard	Range	Uncertainty in Measurement (\pm) *
-------	-----------	---	-------	---

Mechanical Calibration (Laboratory based)

3	Volumetric Glassware / Apparatus	Weighing Balance (LC-0.01mg) & Distilled water by Gravimetric method as per ISO 18235:2023, ISO 4787:2021. NCPL/SOP/MV/04	0.1 to 40 ml	2 μ l
4	Volumetric Glassware / Apparatus	Weighing Balance (LC-0.1mg) & Distilled water by Gravimetric method as per ISO 18235:2023, ISO 4787:2021. NCPL/SOP/MV/04	>40 to 150 ml	20 μ l
5	Volumetric Glassware / Apparatus	Weighing Balance (LC- 1 mg) & Distilled water by Gravimetric method as per ISO 18235:2023, ISO 4787:2021. NCPL/SOP/MV/04	>150 to 750 ml	200 μ l
6	Volumetric Glassware / Apparatus	Weighing Balance (LC-10 mg) & Distilled water by Gravimetric method as per ISO 18235:2023, ISO 4787:2021. NCPL/SOP/MV/04	1 to 5 liter	1 ml

Amanshu
Dealing Officer

FEDERATION FOR DEVELOPMENT OF ACCREDITATION SERVICES

118-119, First Floor, Sushant Tower, Sector – 56, Gurugram – 122011, Haryana, India.



SCOPE OF ACCREDITATION

(Annexure to Certificate of CL - 138)

Laboratory Name: Nutan Calibration Pvt. Ltd.
1/536E, II Floor, Gali No. 4A, Friends Colony,
Industrial Area, Shahdara, Delhi - 110095

Validity: 10.02.2025 to 07.11.2026 (Extension of Scope) **Amended on** N/A

S.No.	Parameter	Calibration Method/ Procedure & Equipment used as Reference Standard	Range	Uncertainty in Measurement (\pm) *
-------	-----------	---	-------	---

Mechanical Calibration (At Site)

Weighing Balance				
1	Weighing Balance (0.001 g) Class-II	Using E1 & F1 Class Standard Weights as per OIML R 76-1&2, 2006. NCPL/SOP/MV/02	0 to 1020 g	2 mg
2	Weighing Balance (0.01 g) Class-II	Using E1 & F1 Class Standard Weights as per OIML R 76-1&2, 2006. NCPL/SOP/MV/02	Up to 6 kg	15 mg
3	Weighing Balance (0.1 g) Class-III	Using E1 & F1 Class Standard Weights as per OIML R 76-1& 2, 2006. NCPL/SOP/MV/02	0 to 30 kg	0.15 g
4	Weighing Balance (1 g) Class-IV	Using E1 & F1 Class Standard Weights as per OIML R 76-1& 2, 2006. NCPL/SOP/MV/02	0 to 50 kg	3.3 g
5	Weighing Balance (10 g) Class-IV	Using E1, F1 & M1 Class Standard Weights as per OIML R 76-1&2, 2006. NCPL/SOP/MV/02	0 to 100 kg	14 g
6	Weighing Balance (20 g) Class-IV	Using E1, F1 & M1 Class Standard Weights as per OIML R 76-1&2, 2006. NCPL/SOP/MV/02	0 to 200 kg	20 g

Amanshu
Dealing Officer

FEDERATION FOR DEVELOPMENT OF ACCREDITATION SERVICES

118-119, First Floor, Sushant Tower, Sector – 56, Gurugram – 122011, Haryana, India.



SCOPE OF ACCREDITATION

(Annexure to Certificate of CL - 138)

Laboratory Name: Nutan Calibration Pvt. Ltd.
1/536E, II Floor, Gali No. 4A, Friends Colony,
Industrial Area, Shahdara, Delhi - 110095

Validity: 10.02.2025 to 07.11.2026 (Extension of Scope) **Amended on** N/A

S.No.	Parameter	Calibration Method/ Procedure & Equipment used as Reference Standard	Range	Uncertainty in Measurement (\pm) *
-------	-----------	---	-------	---

Mechanical Calibration (At Site)

7	Weighing Balance (50 g) Class-IV	Using F1 & M1 Class Standard Weights as per OIML R 76-1&2, 2006. NCPL/SOP/MV/02	0 to 250 kg	50 g
---	-------------------------------------	--	-------------	------

Expanded uncertainty expressed in coverage probability of approximately 95% (coverage factor K=2)

Amanshu
Dealing Officer