



Valid from 13 August 2025
to 12 August 2027
Issued on 13 August 2025

As an accredited laboratory, this laboratory is entitled to
use the following accreditation symbol.



ISO/ IEC 17025
TL 122-01

Schedule of Accreditation

Accreditation Scheme for Testing / Calibration Laboratories
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: TL 122-01

Asian Science Laboratory
No. 152/2, Mabima Road, Heiyanthuduwa,
Sapugaskanda

Scope of Accreditation: Performing chemical testing on medical gases as per the test methods appearing in this schedule.

The laboratory is accredited for the tests indicated in page 02,03 & 04.

Sl	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed (eg: xxx: 2016)	Range of testing/ Limits of detection
1	Medical Oxygen gas (O ₂)	Identification	USP44 NF39 Ph Eur (10 Ed.)	Qualitative
2		Assay Gas Chromatography	USP44 NF39 Ph Eur 10.0	18% - 100% V/V
3		Assay Paramagnetic Oxygen Analyzer		18% - 100% V/V
4		CO ₂	USP44 NF39 Ph Eur 10.0 (Detector Tube)	100-4000 ppm
5		CO	USP44 NF39 Ph Eur 10.0 (Detector Tube)	1-30 ppm
6		H ₂ O	Ph Eur 10.0 (Hygrometer)	0.082 – 14330 ppm
7	Nitrous Oxide (N ₂ O)	Identification	USP44 NF39 Ph Eur 10.0	Qualitative
		Assay Gas Chromatography	USP44 NF39 Ph Eur (10 Ed.)	15% - 100 %
8		CO	USP44 NF39 Ph Eur 10.0 (Detector Tube)	1-30 ppm
9		CO ₂	USP44 NF39 Ph Eur 10.0 (Detector Tube)	100-4000 ppm
10		H ₂ O	USP44 NF39 Ph Eur 10.0 (Hygrometer)	0.082 – 14330 ppm (-88 to +20) ⁰ C

11	Medical Air	Identification	USP44 NF39 Ph Eur 10.0	Qualitative
12		Assay Gas chromatography	USP44 NF39 Ph Eur 10.0	0.5% - 100%
13		Assay Paramagnetic Oxygen Analyzer		
14		CO ₂	USP44 NF39 Ph Eur 10.0 (Detector Tube)	100-4000 ppm
15		CO	USP44 NF39 Ph Eur 10.0 (Detector Tube)	1-30 ppm
16		H ₂ O	USP44 NF39 By passing a barely audible flow against a stainless-steel mirror	-
17		H ₂ O	Ph Eur 10.0 (Hygrometer)	0.082 – 14330 ppm (-88 to +20) ⁰ C
18	Carbon Dioxide (CO ₂)	Identification	USP44 NF39 Ph Eur 10.0	Qualitative
19		Assay Gas Chromotography	USP44 NF39 Ph Eur 10.0	15 % - 100 %
20		CO	USP44 NF39 Ph Eur 10.0 (Detector Tube)	1-30 ppm
21		H ₂ O	USP44 NF39 Ph Eur 10.0 (Hygrometer)	0.082 – 14330 ppm (-88 to +20) ⁰ C
22	Nitrogen Gas (N ₂)	Identification	USP44 NF39 Ph Eur 10.0	Qualitative
23		Assay Gas Chromatography	USP44 NF39 Ph Eur 10.0	15 % - 100 %
24		CO	USP 44 NF39 (Detector Tube)	1-30 ppm

25		O ₂	USP 44 NF39 (Paramagnetic Trace oxygen Analyzer)	0-8%
26	Nitrogen Gas (N ₂)	CO ₂	Ph. Eur. 10.0 Detector Tube	100-4000 ppm
27		H ₂ O	USP 44 NF39 Ph Eur 10.0 (Hygrometer)	0.082 – 14330 ppm (-88 to+20) ⁰ C

Acting Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment