



— LABORATORY CLIMATIC EQUIPMENT

Stability, engineered.

Stability chambers, walk-in suites, ovens, incubators, photostability chambers and 21 CFR Part 11 software — designed and manufactured in India.

01

Precision

Calibrated PT-100 sensing and ± 0.2 °C control across every product line.

02

Stability

ICH climatic conditions held continuously, validated to protocol.

03

Confidence

Audit-ready data integrity and pan-India service & calibration support.



— WHO WE ARE

Precision climatic equipment, built in India.

Stabilium designs and manufactures the full range of laboratory climatic equipment — stability and photostability chambers, walk-in rooms, ovens and incubators — for pharma, biotech, food, cosmetic and materials laboratories.

Every chamber is full SS304 construction and HMI-controlled. Through our StabiliumOS platform, any chamber — ours or a third party's — can be made 21 CFR Part 11 compliant. Every chamber is dispatched with a manufacturer's warranty certificate, as per GMP/GLP guidelines.

THE STABILIUM STANDARD

“A chamber is only as good as the data you can defend in front of an auditor.”



MADE IN
INDIA



Stability Chambers

ICH-compliant temperature & humidity, full SS304.



Walk-In Chambers

Modular stability suites, built to any capacity.



Laboratory Ovens

GMP hot-air ovens, 50–250 °C forced convection.



Bacteriological Incubators

Ambient +10 to 60 °C, GMP SS304 build.



Cooling (BOD) Incubators

Refrigerated 5–60 °C incubation, GMP SS304.



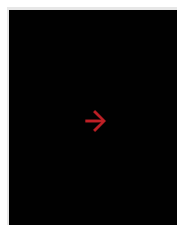
Photostability Chambers

ICH Q1B light exposure with UV & visible banks.



StabiliumOS

Turn any chamber — ours or theirs — 21 CFR Part 11 compliant.



Contact & Enquiry

Request a configured quotation, GA drawing & lead time.

— WHERE STABILIUM SHIPS

One climatic platform, eight regulated industries.

01 Pharmaceutical

ICH Q1A stability studies, dissolution
& formulation R&D

02 Biotechnology

Cell culture, fermentation, vaccine &
enzyme development

03 Nutraceuticals

Shelf-life testing of capsules, gummies
& plant extracts

04 Cosmetics

Accelerated ageing of emulsions, serums
& lipsticks

05 Food & Beverage

Microbial limit testing, shelf-life & BOD analysis

06 Universities

Teaching labs, microbiology & materials research

07 Paint & Coatings

Cure-cycle drying & accelerated weathering

08 Cement & Building

Curing, water absorption & hydration studies

CONFIGURABLE TO YOUR PROTOCOL

Every product line is built to order — construction class, control system, sensor count and documentation are configured at the quotation stage to match your URS and validation regime.

— STANDARDS WE BUILD TO

Ready for a regulator's signature, not just yours.

01 21 CFR Part 11 Audit-trail compliant data & e-signatures (via StabiliumOS)	02 ICH Q1A / Q1B Stability & photostability test conditions	03 GMP Good Manufacturing Practice
04 NABL Calibration traceable to national standards	05 CE Conformity to applicable safety directives	06 Made in India Designed & manufactured in India

IQ / OQ / PQ URS-aligned protocols delivered as signed reports, per PIC/S Annex 15.	THERMAL MAPPING Multi-point empty & loaded studies, traceable to national standards.	DATA INTEGRITY StabiliumOS audit trails, role-based e-signatures, NTP-synced timestamps.
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— RIC SERIES

Stability Chambers

ICH-compliant temperature & humidity,
full SS304.

Full stainless-steel reach-in chambers with a single glass inspection door and HMI touchscreen control, designed for stability studies across diverse industries in compliance with ICH guidelines.

COMPLIES WITH ALL ICH GUIDELINES

±0.2 °C ACCURACY

SS304

HMI TOUCH

±0.2

°C ACCURACY

— CLIMATIC PERFORMANCE

TEMPERATURE RANGE	20 °C to 60 °C (10 to 60 °C available upon request)
HUMIDITY RANGE	40% to 98% RH
TEMPERATURE ACCURACY	±0.2 °C
TEMPERATURE UNIFORMITY	±2.0 °C
HUMIDITY ACCURACY	±2.0% RH
HUMIDITY UNIFORMITY	±3.0% RH

— KEY FEATURES

- Full SS304 construction, interior & exterior
- Single glass inspection door for sample monitoring
- HMI touchscreen control system
- Industrial-grade build quality
- Operates on 220 V supply
- NABL-traceable calibration on installed sensors (optional, at extra cost)
- Special/custom chambers engineered for your specific application



07 · STABILITY CHAMBERS

MODELS & SPECIFICATIONS

— MODEL RANGE — RIC SERIES

MODEL	CAPACITY	APPROX. INTERNAL W×D×H (MM)	APPROX. EXTERNAL W×D×H (MM)
RIC100	100 L	450 × 450 × 450	950 × 600 × 1100
RIC200	200 L	550 × 550 × 660	1050 × 700 × 1300
RIC300	300 L	600 × 600 × 830	1100 × 750 × 1470
RIC400	400 L	650 × 650 × 950	1150 × 800 × 1590
RIC500	500 L	700 × 700 × 1020	1200 × 850 × 1660
RIC800	800 L	800 × 800 × 1250	1300 × 950 × 1890
RIC1000	1,000 L	850 × 850 × 1385	1350 × 1000 × 2025

— ICH CLIMATIC CONDITIONS SUPPORTED

25 °C / 60% RH

30 °C / 65% RH

30 °C / 75% RH

40 °C / 90% RH

— WHAT'S INCLUDED

- Main Instrument
- HMI Touchscreen Controller
- Power Cord
- Manufacturer Certificate
- Warranty Certificate
- 2 Standard Trays

— APPLICATIONS

- Pharmaceutical stability studies
- Shelf-life & expiry validation
- Formulation R&D
- Nutraceuticals & cosmetics

— OPTIONAL ACCESSORIES & UPGRADES

01 **NABL-traceable Calibration Certificate** —

Calibration certificate traceable to national standards, at extra cost.

02 **StabiliumOS Software** — 21 CFR Part 11 software —

audit trails, e-signatures, MKT & audit-ready PDF reports.

03 **PC Interface** — Computer connectivity for real-time monitoring & data transfer.

04 **DQ Documentation** — Design qualification documentation for compliance.

05 **Extended Validation** — Validation services exceeding 24 hours.

06 **Extra Trays** — Increased sample storage capacity.

07 **SMS / Email Alerts** — Instant notifications for alarms & deviations.

More models, capacities & details available upon request.

— WIC SERIES

Walk-In Chambers

Modular stability suites, built to any capacity.

Full SS304 walk-in chambers carrying the same ICH climatic performance as the reach-in range, scaled for batch storage and large-volume stability programmes. Capacity is not capped — rooms are engineered to the footprint and volume your facility needs, with integrated refrigeration, racking and optional standby systems.

COMPLIES WITH ALL ICH GUIDELINES

3,000 L +

STANDBY SYSTEMS

WALK-IN

50,000+

LITRES, CUSTOM-BUILT



— CLIMATIC PERFORMANCE

TEMPERATURE RANGE	20 °C to 60 °C (10 to 60 °C available upon request)
HUMIDITY RANGE	40% to 98% RH
TEMPERATURE ACCURACY	±0.2 °C
TEMPERATURE UNIFORMITY	±2.0 °C
HUMIDITY ACCURACY	±2.0% RH
HUMIDITY UNIFORMITY	±3.0% RH

— KEY FEATURES

- Full SS304 construction with insulated PUF panels
- Integrated refrigeration system
- HMI touchscreen control system
- Supplied with rack & 10 standard trays
- Optional standby humidity & refrigeration
- ICH-compliant climatic conditions
- Special/custom chambers engineered for your specific application

09 · WALK-IN CHAMBERS

MODELS & SPECIFICATIONS

— MODEL RANGE — WIC SERIES

MODEL	CAPACITY	APPROX. INTERNAL W×D×H (MM)	APPROX. EXTERNAL W×D×H (MM)
WIC3000	3,000 L	1700 × 1000 × 1800	1860 × 1500 × 1960
WIC5000	5,000 L	1500 × 1900 × 1800	1660 × 2400 × 1960
WIC10000	10,000 L	2000 × 2500 × 2000	2160 × 3000 × 2160
WIC20000	20,000 L	2000 × 4000 × 2000	2700 × 4200 × 2200
WIC30000	30,000 L	3200 × 5000 × 2000	3200 × 5200 × 2200
WIC50000	50,000 L	4000 × 6450 × 2000	4200 × 6450 × 2200

— ICH CLIMATIC CONDITIONS SUPPORTED

25 °C / 60% RH

30 °C / 65% RH

30 °C / 75% RH

40 °C / 90% RH

— WHAT'S INCLUDED

- Main Instrument
- HMI Touchscreen Controller
- Power Cord
- Manufacturer Certificate
- Warranty Certificate
- 2 Standard Trays

— APPLICATIONS

- Bulk pharmaceutical stability storage
- Large-batch shelf-life programmes
- Vaccine & biologics storage
- Contract testing laboratories

— OPTIONAL ACCESSORIES & UPGRADES

01 Standby Humidity System — Redundant humidity control for uninterrupted performance during component failure.

03 NABL-traceable Calibration Certificate — Calibration certificate traceable to national standards, at extra cost.

05 PC Interface — Computer connectivity for real-time monitoring & data transfer.

07 Extended Validation — Validation services exceeding 24 hours.

09 SMS / Email Alerts — Instant notifications for alarms & deviations.

02 Standby Refrigeration — Backup refrigeration for continuous temperature control, minimising batch loss.

04 StabiliumOS Software — 21 CFR Part 11 software — audit trails, e-signatures, MKT & audit-ready PDF reports.

06 DQ Documentation — Design qualification documentation for compliance.

08 Extra Trays — Increased sample storage capacity.

More models, capacities & details available upon request.

— OVN SERIES

Laboratory Ovens

GMP hot-air ovens, 50–250 °C
forced convection.

Complete SS304 GMP-construction ovens with forced vertical air circulation, long-life SS tubular heaters and PID control — engineered for drying, sterilization and depyrogenation.

50–250 °C

GMP SS304

FORCED AIR

PID CONTROL

250

°C MAX TEMPERATURE

— CLIMATIC PERFORMANCE

TEMPERATURE RANGE	50 °C to 250 °C
TEMPERATURE ACCURACY	±1.0 °C
TEMPERATURE UNIFORMITY	±0.2 °C
INSULATION	50 mm mineral wool
AIR SYSTEM	Forced vertical circulation
CONTROL	PID controller



— KEY FEATURES

- Complete SS304 GMP construction
- Silicone gasket sealing
- Forced air circulation with quiet blower
- Long-life SS tubular heaters with SS fins
- High-temperature safety cut-off
- Electrical circuit-breaker protection

11 · LABORATORY OVENS

MODELS & SPECIFICATIONS

— MODEL RANGE — OVN SERIES

MODEL	CAPACITY	APPROX. INTERNAL W×D×H (MM)	APPROX. EXTERNAL W×D×H (MM)
OVN200	200 L	550 × 550 × 660	1050 × 700 × 1300
OVN300	300 L	600 × 600 × 830	1100 × 750 × 1470
OVN400	400 L	650 × 650 × 950	1150 × 800 × 1590
OVN500	500 L	700 × 700 × 1020	1200 × 850 × 1660
OVN800	800 L	800 × 800 × 1250	1300 × 950 × 1890
OVN1000	1,000 L	850 × 850 × 1385	1350 × 1000 × 2025

— WHAT'S INCLUDED

- Main Instrument
- PID Controller
- Power Cord
- Manufacturer Certificate
- Warranty Certificate
- 2 Standard Trays

— APPLICATIONS

- Drying & dehydration
- Hot-air sterilization
- Depyrogenation
- Moisture & LOD testing
- Cure-cycle drying

— OPTIONAL ACCESSORIES & UPGRADES

01 **NABL-traceable Calibration Certificate** —

Calibration certificate traceable to national standards, at extra cost.

02 **StabiliumOS Software** — 21 CFR Part 11 software —

audit trails, e-signatures, MKT & audit-ready PDF reports.

03 **PC Interface** — Computer connectivity for real-time monitoring & data transfer.

04 **DQ Documentation** — Design qualification documentation for compliance.

05 **Extended Validation** — Validation services exceeding 24 hours.

06 **Extra Trays** — Increased sample storage capacity.

07 **SMS / Email Alerts** — Instant notifications for alarms & deviations.

More models, capacities & details available upon request.

— INC SERIES

Bacteriological Incubators

Ambient +10 to 60 °C, GMP SS304 build.

Forced-air bacteriological incubators in complete SS304 GMP construction, with PID control and tight ± 0.2 °C uniformity for microbiology, culture growth and routine QC incubation.

AMB +10–60 °C

GMP SS304

± 0.2 °C UNIF.

PID CONTROL

± 0.2

°C UNIFORMITY

— CLIMATIC PERFORMANCE

TEMPERATURE RANGE	Ambient +10 °C to 60 °C
TEMPERATURE ACCURACY	± 1.0 °C
TEMPERATURE UNIFORMITY	± 0.2 °C
INSULATION	50 mm mineral wool
AIR SYSTEM	Forced air circulation
CONTROL	PID controller



— KEY FEATURES

- Complete SS304 GMP construction
- Silicone gasket sealing
- Forced air circulation, uniform heating
- Long-life SS tubular heaters with SS fins
- High-temperature safety cut-off
- Electrical circuit-breaker protection

13 · BACTERIOLOGICAL INCUBATORS

MODELS & SPECIFICATIONS

— MODEL RANGE — INC SERIES

MODEL	CAPACITY	APPROX. INTERNAL W×D×H (MM)	APPROX. EXTERNAL W×D×H (MM)
INC200	200 L	550 × 550 × 660	1050 × 700 × 1300
INC300	300 L	600 × 600 × 830	1100 × 750 × 1470
INC400	400 L	650 × 650 × 950	1150 × 800 × 1590
INC500	500 L	700 × 700 × 1020	1200 × 850 × 1660
INC800	800 L	800 × 800 × 1250	1300 × 950 × 1890
INC1000	1,000 L	850 × 850 × 1385	1350 × 1000 × 2025

— WHAT'S INCLUDED

- Main Instrument
- PID Controller
- Power Cord
- Manufacturer Certificate
- Warranty Certificate
- 2 Standard Trays

— APPLICATIONS

- Microbial culture & growth
- Sterility & QC incubation
- Microbiology research
- Pharmaceutical & food testing

— OPTIONAL ACCESSORIES & UPGRADES

01 **NABL-traceable Calibration Certificate** —

Calibration certificate traceable to national standards, at extra cost.

02 **StabiliumOS Software** — 21 CFR Part 11 software —

audit trails, e-signatures, MKT & audit-ready PDF reports.

03 **PC Interface** — Computer connectivity for real-time monitoring & data transfer.

04 **DQ Documentation** — Design qualification documentation for compliance.

05 **Extended Validation** — Validation services exceeding 24 hours.

06 **Extra Trays** — Increased sample storage capacity.

07 **SMS / Email Alerts** — Instant notifications for alarms & deviations.

More models, capacities & details available upon request.

— INC...C SERIES

Cooling (BOD) Incubators

Refrigerated 5–60 °C incubation, GMP SS304.

The cooling 'C' variant of the incubator line, adding a refrigeration system for sub-ambient work down to 5 °C — the standard for biological oxygen demand (BOD), seed germination and low-temperature culture studies.

5–60 °C

REFRIGERATED

GMP SS304

BOD-READY



5–60

°C COOLED RANGE

— CLIMATIC PERFORMANCE

TEMPERATURE RANGE	5 °C to 60 °C
TEMPERATURE ACCURACY	±1.0 °C
TEMPERATURE UNIFORMITY	±0.2 °C
COOLING	Integrated refrigeration system
AIR SYSTEM	Forced air circulation
CONTROL	PID controller

— KEY FEATURES

- Complete SS304 GMP construction
- Integrated refrigeration for sub-ambient work
- Forced air circulation, uniform climate
- Long-life SS tubular heaters with SS fins
- High & low temperature safety cut-offs
- Electrical circuit-breaker protection

15 · COOLING (BOD) INCUBATORS

MODELS & SPECIFICATIONS

— MODEL RANGE — INC...C SERIES

MODEL	CAPACITY	APPROX. INTERNAL W×D×H (MM)	APPROX. EXTERNAL W×D×H (MM)
INC200C	200 L	550 × 550 × 660	1050 × 700 × 1300
INC300C	300 L	600 × 600 × 830	1100 × 750 × 1470
INC400C	400 L	650 × 650 × 950	1150 × 800 × 1590
INC500C	500 L	700 × 700 × 1020	1200 × 850 × 1660
INC800C	800 L	800 × 800 × 1250	1300 × 950 × 1890
INC1000C	1,000 L	850 × 850 × 1385	1350 × 1000 × 2025

— WHAT'S INCLUDED

- Main Instrument
- PID Controller
- Power Cord
- Manufacturer Certificate
- Warranty Certificate
- 2 Standard Trays

— APPLICATIONS

- Biological oxygen demand (BOD)
- Seed germination studies
- Low-temperature culture
- Enzyme & tissue studies

— OPTIONAL ACCESSORIES & UPGRADES

01 **NABL-traceable Calibration Certificate** —

Calibration certificate traceable to national standards, at extra cost.

02 **StabiliumOS Software** — 21 CFR Part 11 software —

audit trails, e-signatures, MKT & audit-ready PDF reports.

03 **PC Interface** — Computer connectivity for real-time monitoring & data transfer.

04 **DQ Documentation** — Design qualification documentation for compliance.

05 **Extended Validation** — Validation services exceeding 24 hours.

06 **Extra Trays** — Increased sample storage capacity.

07 **SMS / Email Alerts** — Instant notifications for alarms & deviations.

More models, capacities & details available upon request.

— PS SERIES

Photostability Chambers

ICH Q1B light exposure with UV & visible banks.

Photostability chambers delivering controlled UV-A and cool-white visible light per ICH Q1B, with full temperature and humidity control to evaluate the light sensitivity of drug substances and products.

ICH Q1B

UV + VISIBLE

±0.2 °C

LIGHT LOGGING

Q1B

ICH PHOTOSTABILITY

— CLIMATIC PERFORMANCE

TEMPERATURE RANGE	25 °C (standard operating condition)
UV-A INTENSITY	1.8 W/m ² (~111 hrs to reach ICH 200 W·hr/m ²)
VISIBLE (VIS) INTENSITY	12 k lux (~100 hrs to reach ICH 1.2 million Lux·hr)
LIGHT SOURCE	UV-A + cool-white fluorescent
CONTROL	HMI touchscreen

— KEY FEATURES

- Full SS304 construction
- Calibrated UV-A and visible light banks
- Cumulative lux-hour & UV energy logging
- Single glass inspection door
- HMI touchscreen control system
- ICH Q1B Option 2 compliant
- Higher & lower temperature safety cut-offs
- UV lights switch off automatically on door opening



17 · PHOTOSTABILITY CHAMBERS

MODELS & SPECIFICATIONS

— MODEL RANGE — PS SERIES

MODEL	CAPACITY	APPROX. INTERNAL W×D×H (MM)	APPROX. EXTERNAL W×D×H (MM)
PS100	100 L	450 × 450 × 450	950 × 600 × 1100
PS200	200 L	550 × 550 × 660	1050 × 700 × 1300

— ICH CLIMATIC CONDITIONS SUPPORTED

25 °C / 60% RH

30 °C / 65% RH

30 °C / 75% RH

40 °C / 90% RH

— WHAT'S INCLUDED

- Main Instrument
- HMI Touchscreen Controller
- Power Cord
- Manufacturer Certificate
- Warranty Certificate
- 2 Standard Trays

— APPLICATIONS

- Drug photostability testing
- Light-sensitivity screening
- Packaging protection studies
- Formulation R&D

— OPTIONAL ACCESSORIES & UPGRADES

01 NABL-traceable Calibration Certificate —

Calibration certificate traceable to national standards, at extra cost.

02 StabiliumOS Software — 21 CFR Part 11 software —

audit trails, e-signatures, MKT & audit-ready PDF reports.

03 PC Interface — Computer connectivity for real-time monitoring & data transfer.

04 DQ Documentation — Design qualification documentation for compliance.

05 Extended Validation — Validation services exceeding 24 hours.

06 Extra Trays — Increased sample storage capacity.

07 SMS / Email Alerts — Instant notifications for alarms & deviations.

More models, capacities & details available upon request.

21 CFR PART 11 · UNIVERSAL RETROFIT

StabiliumOS.

Turn any chamber — ours or theirs —
— 21 CFR Part 11 compliant.

A universal compliance software and control platform that retrofits onto existing chambers of any make or vintage, delivering tamper-evident audit trails, electronic signatures, mean kinetic temperature and audit-ready reporting.



CORE CAPABILITIES

01

Audit Trail

Tamper-evident, time-stamped log of every action & parameter change.

02

Electronic Signatures

Role-based e-signatures fully compliant with 21 CFR Part 11.

03

MKT Calculation

Automatic mean kinetic temperature across study duration.

04

Audit-Ready Reports

One-click PDF reports formatted for regulatory submission.

05

Remote Monitoring

Live chamber status, alarms & data from any browser.

06

SMS / Email Alerts

Instant deviation & excursion notifications.

— CONTROL PANELS

Scale from one chamber to a full suite.

SOS 1×1 Ideal for standard monitoring and control.	SOS 4×4 Enhanced multi-point monitoring for improved spatial uniformity.	SOS 8×8 Advanced high-density monitoring for maximum uniformity, redundancy, and precision.
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— FROM LEGACY CHAMBER TO COMPLIANT — IN FOUR STEPS

01 Assess We review your existing chamber's make, sensors & wiring to scope the retrofit.	02 Retrofit StabiliumOS panel & calibrated sensors are installed on-site, any make or vintage.	03 Calibrate Multi-point NABL-traceable calibration brings the unit to specification.	04 Validate IQ / OQ / PQ executed and signed — your chamber is audit-ready.
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— IMPLEMENTATION SERVICES

ST-KEY License Key Per-chamber software license & activation.	ST-INSTAL Installation On-site retrofit, wiring & commissioning.
ST-CALVAL Calibration & Validation NABL calibration with IQ / OQ / PQ protocols.	ST-DOC Documentation DQ, URS & complete compliance dossier.

21 CFR PART 11	Already own chambers from another manufacturer? StabiliumOS retrofits onto existing units of any make or vintage — bringing your entire fleet into compliance without replacement.
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— ALREADY OWN A CHAMBER — ANY MAKE, ANY AGE?

Upgrade it to 21 CFR Part 11 without replacing it.

Most stability chambers, incubators, ovens and walk-in rooms in service today were never built with electronic records in mind. StabiliumOS retrofits the control and data layer onto your existing chamber — regardless of manufacturer, model or year of installation — so the mechanical asset you already own becomes audit-ready.

— WHAT THE UPGRADE REPLACES

- Analogue or basic digital controller → 21 CFR Part 11 HMI touchscreen
- Manual logbooks → tamper-evident electronic audit trail
- Wet-ink sign-off → role-based electronic signatures
- Manual MKT calculation → automatic mean kinetic temperature
- Paper deviation reports → one-click, audit-ready PDF reports
- On-site-only visibility → remote monitoring from any browser

— TECHNICAL SCOPE OF WORK

- Sensor audit & replacement with calibrated temperature/humidity probes where required
- Controller/PLC replacement with StabiliumOS-compatible HMI panel
- Wiring integration with existing heaters, compressors & safety interlocks
- NABL-traceable multi-point calibration on commissioning
- IQ / OQ / PQ execution against your URS, signed & documented
- Operator training & handover documentation

— COMPATIBLE WITH

ANY OEM CHAMBER

STABILITY & PHOTOSTABILITY CHAMBERS

WALK-IN CHAMBERS

Zero

CHAMBER REPLACEMENT

No new mechanical asset, no re-validation of the refrigeration or heating system — only the control and data-integrity layer changes. This keeps the retrofit fast, low-cost and low-risk compared to buying a new chamber outright.

GET IN TOUCH

Specify a chamber. Or a whole suite.

Send your requirements, capacity and validation needs. We respond with a configured specification, GA drawing and budgetary quotation.



SALES	sales@stabilium.in
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WEBSITE	www.stabilium.in
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TELEPHONE	+91 98111 86865
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WHATSAPP	+91 98111 86865
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HEAD OFFICE	C-74, Upper Ground Floor, Okhla Industrial Area, Phase-I, New Delhi 110020, India
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HOURS	Mon-Sat · 09:30 – 18:30 IST
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