



Tti Testing Laboratories

OVER 30 YEARS OF EXCELLENCE IN QUALITY ASSURANCE



CORPORATE PROFILE 2026 · SINCE 1995

Confidence, verified.

Independent verification for businesses to compete and comply globally.

Testing, inspection, certification and sustainability services from Pakistan's first independent third-party testing and inspection company, with the region's largest accredited testing scope.

ISO/IEC 17025 & 17020 accredited

PNAC accredited · PSQCA approved

U.S. CPSC accepted

U.S. IAC certified



01 CEO's message

02 30 years of evolution

03 Introduction

04 Our services

05 Testing & inspection

06 Certification

07 Sustainability

08 Industries we serve

09 Offices

111 786 001

www.ttilabs.net



HEAD OFFICE • LAHORE, PAKISTAN

1995

Founded by Hamed K. Lateef
as Pakistan's first independent
third-party testing and
inspection company.

TTI LABS IN NUMBERS

Three decades of independent verification.

1,500+Global brands trust our
reports**544**

Accredited methods

1,500+

Tests a day

378

Accredited parameters

600+

Samples a day

25,000

sq ft purpose-built facility

3 days

Standard turnaround

4Offices: Lahore, Karachi,
Faisalabad, Sialkot**03** CEO's message**08** Our services**13** Certification**04** 30 years of evolution**09** Testing**14** Sustainability**06** Introduction**11** Inspection**17** Industries we serve

SINCE 1995

Three decades of building trust, advancing science and shaping compliance in the region.

As international regulations evolved, global trade demanded more than speed and scale, and manufacturers faced unprecedented pressure to meet complex, uncompromising compliance standards.

Tti Testing Laboratories emerged to bridge this gap. As a third-party testing laboratory from the private sector, we introduced independent, science-driven quality verification to supply chains.

Over the years, we engineered a system of traceability, technical excellence and scientific integrity, giving industries the confidence to meet global standards and trade internationally.

//

Quality is often invisible until it is tested. This year, we wanted to bring that science to the forefront.

Beyond the dates, these pages offer a closer look at the infrastructure and our rigorous standards that protect your brand's reputation every single day.

Hamed K. Lateef

CHIEF EXECUTIVE OFFICER



1995–2013

From one knitwear lab to the largest accredited scope.

A journey of expanding capabilities, setting benchmarks and supporting global compliance ecosystems.



1995

FOUNDED

- ✓ Tti Testing Laboratories founded by Hamed K. Lateef
- ✓ **Pakistan's first independent third-party testing and inspection company**



1995–2000

STRATEGIC EXPANSION

- ✓ Knitwear testing
- ✓ International recognition and partnership with MTL
- ✓ Woven and denim testing, nominated by Levi's Pakistan
- ✓ Fibre analysis lab with an AATCC-trained technical team



2003–2007

ISO/IEC 17025 • HEAVY METALS

- ✓ Levi's approved third-party lab in Pakistan
- ✓ ISO/IEC 17025 accreditation from PNAC
- ✓ Largest accredited scope in Pakistan, covering all segments
- ✓ **Pakistan's first accredited lab for heavy metals testing**



2010–2013

REGULATORY MILESTONES

- ✓ CPSIA: 16 CFR 1303 and 1610, then 16 CFR 1501
- ✓ OGRA-approved oil and gas testing lab
- ✓ Chromatography lab for chemical analysis
- ✓ Accredited leather testing lab

2014-2025

New instruments, new sectors, new firsts.

We keep evolving to meet emerging regulatory, safety and sustainability challenges in Pakistan and worldwide.



2014-2017

PARTNERSHIPS • ENVIRONMENT

- ✓ ICP-OES installed
- ✓ MoU with Eurofins (MTS)
- ✓ EPA Punjab certified environmental testing
- ✓ NEXT Retail certified lab



2019-2020

ADVANCED ANALYSIS

- ✓ LC-MS/MS in the RSL lab
- ✓ OGRA testing scope expanded
- ✓ Microbiology laboratory, U.S. IAC certified in 2021



2021-2022

CE • SPECIALISED PPE

- ✓ CE certification support
- ✓ Accredited lab for bikers' apparel
- ✓ One-window solution for PPE compliance, cutting cost and time



2023-2025

SPECIALISED LABS

- ✓ Tti Labs Sustainability Center
- ✓ Food testing laboratory
- ✓ ICP-MS for food safety and ZDHC compliance
- ✓ TMC 2030 Commitment signatory
- ✓ **Pakistan's first IC technology for TOF and PFAS**



Since 1995, one idea: independent, science-driven verification that lets Pakistani industry meet global standards and trade internationally.

HEAD OFFICE • LAHORE, PAKISTAN

FULL-SPECTRUM COMPLIANCE SOLUTIONS

Your trusted quality partner, with the region's largest accredited testing scope.

Tti Testing Laboratories is a trusted quality partner to leading global buyers, offering end-to-end TIC solutions. For exporters, manufacturers and regulated industries, compliance is market access. We accelerate it with independent verification, so you can navigate complex regulations with confidence.

Partnering with Tti Labs secures your supply chain through an ISO/IEC 17025 accredited authority trusted by 1,500+ global brands. Advanced analytical infrastructure, a 3-day standard turnaround and an uncompromising sample chain of custody remove operational bottlenecks.

You work directly with technical experts who build flexible, scalable quality assurance programmes around your processing lines and batch sizes.

Credentials

- ✓ ISO/IEC 17025 & 17020 accredited
- ✓ PNAC accredited • PSQCA approved
- ✓ ZDHC MRSL certifier • ZDHC wastewater lab
- ✓ U.S. CPSC accepted conformity assessment body
- ✓ U.S. IAC certified microbiology laboratory
- ✓ The Microfibre Consortium 2030 signatory
- ✓ World Food Programme partner laboratory

25,000

sq ft purpose-built facility

3 days

Standard turnaround

1,500+

Tests a day

600+

Samples a day

INDUSTRIES WE SERVE

Textiles & apparel • Leather & footwear • Personal protective equipment • Food & agriculture
• Pharmaceutical • Petroleum • Chemicals

CREDIBILITY ARCHITECTURE

We report what is true, even when it is **inconvenient**.

Specialist teams

Technical specialists who understand materials, processing behaviour and product performance.

Recognised standards

Every result scientifically valid and internationally accepted.

Results explained

We explain results, the technical reasoning behind them and how to improve the product.

OUR VISION

To be the global authority in quality and compliance, recognised for scientific rigour, innovation and exceptional service.

OUR MISSION

To deliver fast, accurate and globally accepted results that empower businesses to meet evolving regulatory demands.

01

INTEGRITY

Built into every stage of our assurance workflow.

We report what is true, even when it is inconvenient.

02

PRECISION

Repeatability, consistency and reliable data.

Precision is not a feature; it is our responsibility.

03

SUPPORT

Risk-based guidance and proactive insights.

Ownership at every stage of the quality lifecycle.

04

INNOVATION

Data-driven decisions backed by validated methods.

Continuous R&D for a future-proof one-stop solution.

PIONEERS IN PAKISTAN'S TIC INDUSTRY

Test, inspect, certify and sustain, with one partner.

The region's largest accredited testing scope,
covering multiple business segments.



ISO/IEC 17025 ACCREDITED

Testing

Comprehensive laboratory testing that evaluates the quality and safety of products, processes and environments.

Page 09



ISO/IEC 17020 ACCREDITED

Inspection

Independent verification of quality, quantity and compliance across the product development lifecycle.

Page 11



CE MARKING • ZDHC MRSL & WASTEWATER

Certification

Product certifications required for international trade, aligned with regulatory standards and Notified Bodies.

Page 13



RESPONSIBLE SUPPLY CHAINS

Sustainability

We quantify and verify your operational commitments to sustainable impact.

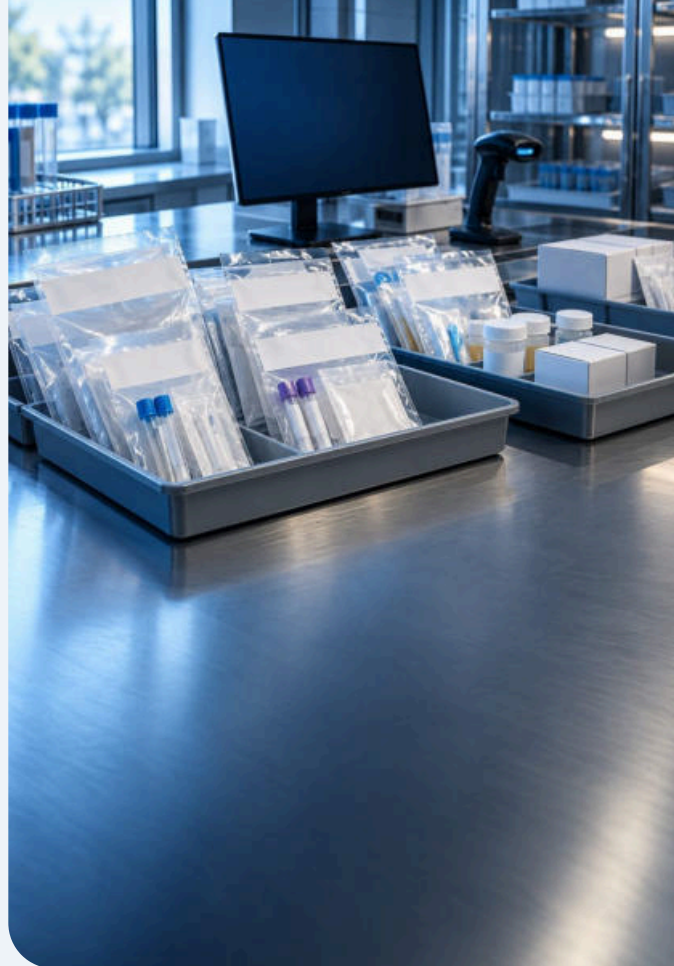
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PNAC-ACCREDITED MULTI-SECTOR TESTING SCOPE

Defensible data that gets products to market faster.

Tti Labs supports manufacturers, exporters and brand owners with ISO/IEC 17025 accredited data that reduces regulatory risk. With several testing disciplines in one coordinated system, approvals come sooner, validation cycles shorten and compliance stays consistent.

Analytical scientists, microbiologists and QA/QC specialists work within robust quality systems, so every result is traceable, verifiable and audit-ready.



01

Insights beyond reporting

Specialists analyse results, find the underlying causes and recommend what to change.

03

Consistent data at scale

Cross-verification and layered quality controls keep results repeatable across operators and programmes.

02

One laboratory network

Chemical, microbiological, mechanical and environmental labs work together, with no outsourcing delays.

04

Sample integrity, end to end

A fully traceable workflow, secure chain of custody and disciplined handling before analysis.

FIVE DISCIPLINES, FROM INTERNAL SPECIFICATIONS TO GLOBAL REGULATIONS

Chemical & analytical

- ✓ Nutritional & food chemistry
- ✓ Regulatory & RSL analysis
- ✓ Instrumental analysis

Materials

- ✓ Composition & identification
- ✓ Construction parameters
- ✓ Authenticity verification

Microbiological

- ✓ Pathogens
- ✓ Indicator organisms
- ✓ Environmental microbiology

Physical & mechanical

- ✓ Structural integrity & strength
- ✓ Dimensional stability & appearance
- ✓ Child safety & mechanical hazards

Performance & functional

- ✓ Colour performance
- ✓ Environmental resistance
- ✓ Moisture & surface performance

SPEED, PRECISION AND VALUE

Complex matrices, many instruments, one **answer**.

Analytical approaches designed, optimised and validated in house when a standard method cannot resolve the question.

544

Accredited methods

378

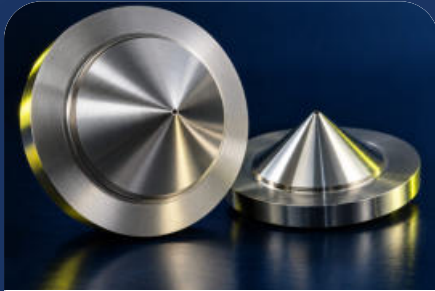
Accredited parameters

3 days

Standard turnaround

HIGH PRECISION WITH ADVANCED INSTRUMENTATION

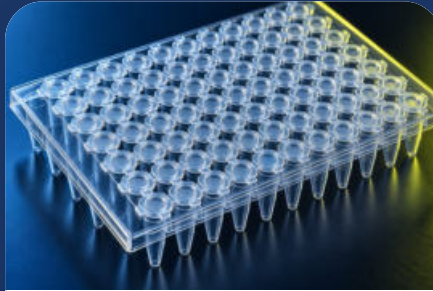
FTIR · UV/Vis · ICP-OES · ICP-MS · GC/MS · HS-GC/MS · GC EI/CI · GC/FID · LC-MS/MS
· Single and triple quads · HPLC (UV/Vis, DAD, MS/MS) · ELISA kits



PROPRIETARY METHODS

Complex matrix expertise

Multi-instrument methods, designed and validated for samples that standard methods cannot resolve.



U.S. IAC CERTIFIED

Microbiology & molecular lab

Controlled environments and advanced detection for food, pharma, water and environmental samples.



OCA-RECOGNISED ·
ISO/TS 5354-1 & -2:2024

GM cotton screening

Organic cotton identification by real-time PCR on high-quality, amplifiable DNA.



ZDHC MRSL certifier and approved wastewater laboratory, supporting the Roadmap to Zero Programme. RSL risks such as PFAS and azo dyes are found early, and reports are accepted by global retailers and brands.

PSQCA REGD. • ISO/IEC 17020 ACCREDITED INSPECTION
BODY

Independent inspection for quality control, lower risk and trade confidence.

We check materials, processes and finished goods against international standards and buyer specifications, and deliver decision-ready reports that flag critical risks and compliance gaps.

Softlines

- ✓ Textiles & raw materials: cotton bales, yarn, fabric, denim
- ✓ Apparel & clothing: uniforms, workwear, sportswear, caps, socks
- ✓ Home & living textiles: bedding, towels, bathrobes, sleeping bags
- ✓ PPE: garments, face masks, gloves, safety footwear
- ✓ Leather, leather products and footwear
- ✓ Sports & recreation: balls, boxing gloves
- ✓ Consumer goods, tissue paper

Hardlines

- ✓ Ceramics, furniture, tents, accessories

Food & agriculture

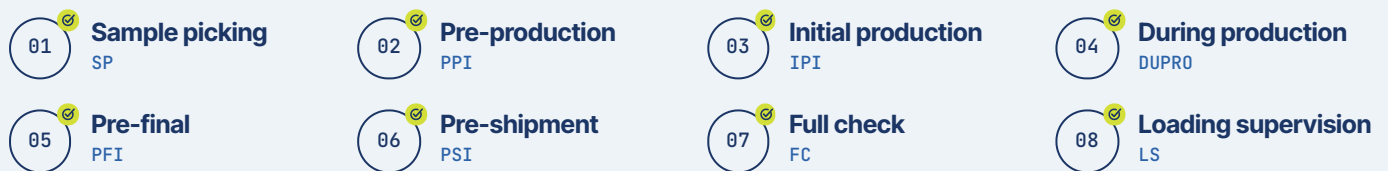
- ✓ Fresh produce, pre- and post-harvest
- ✓ Processing & packing facilities
- ✓ Grains & bulk commodities
- ✓ Cold chain & storage
- ✓ Meat & poultry handling, dairy processing
- ✓ Edible oil production, export consignments



SOFTLINES INSPECTION STAGES

From sample to loaded container, eight checks.

Structured, customised quality control for consistency, compliance and traceability.



FROM RAW MATERIAL TO SHIPMENT READINESS

Sample evaluation & product review

Pre-production samples and prototypes checked against specifications, materials and function, so buyer expectations are aligned before bulk production.

Product labelling compliance

Labels, markings and packaging verified against regulatory and buyer requirements, to avoid rejections.

Post-delivery inspection support

Independent evaluation of delivered goods when there is a dispute, a complaint or a quality concern.

Defect analysis & root cause

Recurring defects traced back to process, material or workmanship, so they are corrected at source.

TECHNICAL AUDITS • SYSTEMS, PROCESSES AND OPERATIONAL INTEGRITY

- ✓ Factory quality assessment
- ✓ Laboratory technical audit
- ✓ Mystery shopping audit
- ✓ Traceability audit



OPENING DOORS TO INTERNATIONAL MARKETS

Recognised chemical conformance and CE marking support.



ZDHC MRSL certification

LEVEL 1 • SUPPORTING ROADMAP TO ZERO™

Chemical conformance certification for chemical formulators, based on analytical testing, screening and review of the Safety Data Sheet (SDS).

TESTING SEGMENTS

- ✓ **All dyes:** reactive, disperse, direct, vat, acid, basic and speciality
- ✓ **Chemical auxiliaries:** surfactants, detergents, finishing agents, softeners, lubricants
- ✓ **Textiles & apparel:** manufacturing chemicals
- ✓ **Leather chemicals:** tanning, finishing, waterproofing, coatings
- ✓ **Polymers & synthetics:** auxiliaries for plastics, coatings and man-made fibres

CE / UKCA certification support

THIRD-PARTY FACILITATION WITH NOTIFIED BODIES

PPE sold in the European Economic Area must comply with Regulation (EU) 2016/425 and be certified by a Notified Body. Tti Labs works closely with several EU Notified Bodies for PPE, and our test reports and technical evaluations are relied on in conformity assessment.

- 01 **Accredited testing**
The right test protocols for each product.
- 02 **Regulatory interpretation**
Results read and compliance gaps closed.
- 03 **Technical file**
Prepared for the conformity assessment.
- 04 **Notified Body coordination**
Examination, then the CE or UKCA mark.



CE/UKCA facilitation for gloves, clothing and footwear in three categories: occupational health & safety, motorcycle riders and healthcare professionals.



TTI LABS SUSTAINABILITY CENTER

Sustainability built into operations, backed by **data**.

End-to-end services, from emission quantification and circular material testing to ESG reporting and regulatory compliance.

Tailored solutions

Strategies aligned with your goals.

Independent assurance

Verified, transparent, credible data.

Long-term support

Retainer partnerships for ongoing ESG needs.

Direct client handling

Corporate and supply chain levels, coordinated.

Integrated expertise

Analytical testing with strategic consulting.

CLIMATE, CARBON & ESG STRATEGY

Climate & carbon accounting

Quantify, verify and reduce emissions, and build decarbonisation pathways aligned with the Paris Agreement and UNFCCC Article 6 mechanisms.

- ✓ GHG inventory management (Scope 1, 2 & 3)
- ✓ SBTi-aligned net zero strategies
- ✓ Custom real-time dashboards
- ✓ Carbon credit assessment, quantification and roadmaps

REGENERATIVE MODELS

Circular economy

Move from take-make-waste to a regenerative model, with waste recovery and recycling assessments, material testing and life cycle assessment (LCA).

GRI · CSRD · IFRS S1/S2 · ESRS

ESG reporting & disclosure

Materiality assessments, stakeholder mapping, double materiality analysis and risk assessment for reporting that meets the standards.

YOUR PARTNER IN GREEN TRANSFORMATION

Responsible supply chains, ready for the EU DPP.

Lower the risk of non-compliance, use more sustainable materials and prepare for the EU Digital Product Passport, with transparent, ethical and resilient supply chains.

- | | |
|-----------------------------------|------------------------------|
| ✓ Supplier mapping & traceability | ✓ ESG audits & action plans |
| ✓ Supply chain due diligence | ✓ Responsible sourcing |
| ✓ Material screening & compliance | ✓ Supplier capacity building |
| | ✓ Training programmes |



ADVANCED ANALYTICAL TESTING • ALIGNED WITH LEADING FRAMEWORKS

REACH • AFIRM • OEKO-TEX • GOTS • ZDHC • CPSC • Prop 65

Complete analysis of dyes, coatings, plastics and textiles for restricted substances, including heavy metals, APEOs, VOCs, PFAS and phthalates.

Eco-material verification for circular product design: physical and mechanical testing, polymer and textile testing, R&D, and accelerated ageing and UV resistance studies.



SUSTAINABLE AGRICULTURE

Verified organic supply chains and soil health you can show.

Special tests for traceability, sustainability and regenerative sourcing, aligned with EU and other global organic regulations.

- | | |
|---------------------|---------------------------------|
| ✓ GMO testing | ✓ Pesticide residue testing |
| ✓ Soil carbon check | ✓ Microbial soil quality audits |



PUNJAB EPA-RECOGNISED LABORATORY

The largest scope in environmental testing, from stack to **effluent**.

Industrial compliance

Factory compliance under Pakistan EPA regulations, worker health and sustainable manufacturing certifications.

- ✓ Air quality monitoring: ambient, stack, indoor
- ✓ Occupational health & safety audits
- ✓ Chemical exposure assessment
- ✓ EIA/NOC support

ZDHC wastewater testing to Guidelines V2.2

Gateway credibility and water stewardship, supporting Roadmap to Zero™ with responsible reuse, recycling and traceability.

- ✓ Wastewater testing
- ✓ Effluent & sludge analysis
- ✓ Microplastic & PFAS detection
- ✓ Zero liquid discharge verification
- ✓ ETP/CETP performance testing

EPA-approved emission monitoring truck

- ✓ **Ambient air quality:** PM2.5, PM10, SO₂, NO_x, CO and O₃
- ✓ **Industrial stack emissions:** sampling and analysis of gaseous emissions
- ✓ **On-site pollution measurement:** pollutant concentrations and parameters
- ✓ **Regulatory compliance assessment:** against the applicable PEQS

THE REGION'S LARGEST INTERNATIONALLY ACCREDITED TESTING SCOPE

From fibre to finished garment, one accredited partner.

Brands, manufacturers and exporters get accredited testing, compliance and sustainability services aligned with global regulations, across the whole textile value chain.

- ✓ Fibres & yarns
- ✓ Technical, home and medical textiles
- ✓ Apparel, fashion and garment accessories
- ✓ Sports goods & gear



TEXTILE TESTING SERVICES

- ✓ Mechanical performance
- ✓ Dimensional stability & appearance
- ✓ Child safety & regulatory compliance
- ✓ Colour fastness
- ✓ Fibre & functional performance
- ✓ Safety assessment

ISO · EN · ASTM · AATCC · DIN · AS/NZS · BS · SASO · GB · KS

40+ BRANDS APPROVE TTI LABS, AMONG THEM

Levi's · GAP · Next · Fanatics · Carhartt · ASDA · DeFacto · KiK Textil-Diskont · Williams Sonoma · Majid Al Futtaim · Tally Weijl · HEMA · J. Junaid Jamshed · TCC · F&F

✓ Pakistan's first independent inspection body

with ISO/IEC 17020 accredited scope for textiles & apparel (Tti Inspections, PNAC IB-006)

✓ Pakistan's first third-party lab accepted by U.S. CPSC

for lead and flammability testing (Lab ID 1168)

✓ OCA-recognised GM cotton screening

ISO/TS 5354-1 & -2:2024

✓ Levi's quality partner

since 1998



TESTING, INSPECTION AND COMPLIANCE SERVICES

Securing your gateway to global markets.

Since 2012, end-to-end compliance for Pakistan's leather and footwear manufacturers and exporters, covering quality, safety and performance against strict regulatory requirements.

- ✓ Leather apparel & accessories
- ✓ Commercial leather furnishings
- ✓ Casual & fashion footwear

LEATHER AND FOOTWEAR TESTING

- ✓ Physical & mechanical
- ✓ Colour fastness
- ✓ Chemical analysis
- ✓ Restricted substances

EN · ISO · AATCC · ASTM · SATRA · IULTCS · CE mark · ZDHC · AFIRM RSL

Heavy metals

ICP / FAAS

ISO 17072-1:2019

ISO 17072-2:2022

Formaldehyde

HPLC, colorimetric

ISO 17226-1:2021

ISO 17226-2:2018

Chromium(VI)

IC, colorimetric

EN ISO 17075-2

ISO 17075-1:2017

Genuine leather

Microscopic and structural analysis, FTIR identification



PFAS screening

Pakistan's first TOF screening facility, using CIC technology



CE/UKCA marking

Complete technical support and third-party facilitation via global partners

SPECIALISED PPE CENTER

One-stop solution for the PPE market.

A dedicated PPE testing facility built for high-precision evaluations and fast decisions. With deep inspection knowledge, we support the complete compliance pathway, from laboratory testing to CE marking readiness.

- ✓ Protective apparel for OH&S
- ✓ Protective apparel for motorcycle riders
- ✓ PPE for healthcare professionals



Protective apparel for OH&S

EN ISO 21420:2020+A1:2024 · ANSI/ISEA 105-2024 · EN 388:2016+A1:2018 · EN 511:2006
· EN 12477:2001+A1:2005 · EN 659:2003+A1:2008 · EN 407:2020 · EN ISO 13688:2013+A1:2021
· EN 14325:2018+A1:2024 · EN 13034:2005+A1:2009 · EN ISO 11611:2024 · EN ISO 11612:2015
· EN 469:2020 · EN ISO 20471:2013+A1:2016 · EN 17353:2020+A1:2025 · ANSI/ISEA 107-2020
· EN ISO 20345:2021+A1:2024 · EN ISO 20346:2021+A1:2024 · EN ISO 20347:2021+A1:2024

Protective apparel for healthcare professionals

EN ISO 21420:2020 · EN 455 series · EN ISO 374 (Parts 1-6) · ASTM D3577 · ASTM D6319 · ASTM D6978
· EN 13795-1 and -2:2025 · EN 13034:2005+A1:2009 · ASTM F2407 · ASTM F3352 · AAMI PB 70
· EN 14683:2025 · ASTM F2100

Protective apparel for motorcycle riders

EN 13594:2015 · EN 17092 series · EN 13634:2017



CE/UKCA marking

Complete technical support and third-party facilitation via global partners, for gloves, clothing and footwear



SECURE THE INTEGRITY OF THE GLOBAL FOOD SUPPLY CHAIN

Scientific confidence for food **safety**.

From farm-level inputs to final retail packaging, defensible data that protects public health and your brand, and opens regulated markets.

- ✓ Plant-based: fruits & vegetables, herbal & natural products, grains, bakery & confectionery
- ✓ Animal-based products
- ✓ Infant formula
- ✓ Soil & agriculture products

FOOD TESTING & INSPECTION

- ✓ Food microbiology & pathogens
- ✓ Food safety & contaminants
- ✓ Nutrition & label compliance
- ✓ Pesticides & agricultural contaminants
- ✓ Stability & shelf-life studies
- ✓ Food packaging safety

BRCGS · FSSC 22000 · SQF · IFS · ISO 22000 · ISO 14001 · FDA · EU · HACCP · GMP · GLOBALG.A.P. · Halal

- ✓ **Pakistan's first third-party microbiology lab certified by U.S. IAC for ISO class 5 & 7**
BAM-FDA, ISO, APHA and EPA methods

- ✓ **Approved by the Punjab, Khyber Pakhtunkhwa and Balochistan food authorities**
for a wide range of parameters

SPECIAL PACKAGE

Rice testing services

Pesticide residue testing against EU, UK, US, SFDA, Codex and Gulf MRL standards.

CERTIFICATION SUPPORT

BRCGS, FSSC 22000, GLOBALG.A.P.

Audit-ready analytical data and inspection frameworks to achieve and keep global food safety certifications.

LARGE PNAC-ACCREDITED TESTING SCOPE

Pharmaceutical quality in highly regulated environments.

Testing aligned with global frameworks, on methods based on USP, BP, Ph. Eur. and ISO standards. Advanced instruments and validated methods give precise, reproducible, audit-ready results.

- ✓ Raw materials, APIs, finished and R&D products
- ✓ Cosmetics, dermatological and skincare products
- ✓ Herbal extracts and nutraceutical raw materials
- ✓ Surgical instruments and medical devices



PHARMACEUTICAL TESTING

- ✓ API & product assay
- ✓ Pharmaceutical microbiology
- ✓ Impurities & contaminants
- ✓ Method development & validation
- ✓ Packaging & container compatibility

✓ NDMA / NDEA determination

Ultra-sensitive quantification to an MDL of 0.05 ppm, by GC-MS/HS and LC-MS/MS

✓ DEG / EG determination

Detection to a <0.1% limit by GC-FID, per the applicable USP-NF monograph requirements

Cosmeceutical testing

Formulations turned into trusted beauty staples, compliant with:

EU Cosmetics Regulation

- FDA cosmetics requirements • REACH
- ASEAN Cosmetic Directive • Cosmetics GMP
- IFRA Standards • DRAP

Nutraceutical testing

- ✓ Raw materials and dietary supplements
- ✓ Herbal extracts
- ✓ Essential oils
- ✓ Shilajit



OGRA-APPROVED THIRD-PARTY QUALITY LABORATORY

Fuel quality, safety and compliance, from refinery to **use**.

Producers, manufacturers, distributors and industrial users rely on precise evaluations that confirm product integrity, consistent performance and compliance, and keep energy moving efficiently.

- ✓ Fuels & distillates
- ✓ Lubricants & greases
- ✓ Transformer & switchgear oils
- ✓ Base oils & heavy fuels

PETROLEUM TESTING

01

Quality, safety & combustion evaluation

03

Composition & stability verification

02

Advanced lab diagnostics

04

Oil condition monitoring

Pakistan's largest registered scope
for energy and non-energy petroleum testing



Pakistan's first PSQCA-registered inspection body

to get an ISO/IEC 17020 accredited scope



NINE FIELDS, ONE LABORATORY

Confidence, verified.

Everything on these pages, in one index:
the products and services we test, inspect
and certify.

Textiles & apparel

- ✓ Raw fibres & yarns
- ✓ Woven/non-woven fabrics
- ✓ Technical/industrial textiles
- ✓ Casual & formal apparel
- ✓ Garment accessories
- ✓ Fashion accessories

Food & agri

- ✓ Natural products
- ✓ Water & other liquids
- ✓ Dairy & animal-based
- ✓ Bakery & confectionery
- ✓ Agriculture products

Special services

- ✓ ZDHC MRSL certification
- ✓ ZDHC wastewater testing
- ✓ PFAS & Cr(VI) screening
- ✓ GM cotton screening

Leather & footwear

- ✓ Raw hide
- ✓ Leather footwear
- ✓ Leather apparel
- ✓ Leather upholstery
- ✓ Luxury & designer goods
- ✓ Industrial furnishings

Pharmaceutical

- ✓ Nutraceutical
- ✓ Cosmetics & personal care
- ✓ Herbal & natural
- ✓ Healthcare environments
- ✓ Medical & surgical devices

Sustainability

- ✓ Environmental compliance
- ✓ Supply-chain due diligence
- ✓ Sustainable agriculture
- ✓ Sustainable chemistry
- ✓ Climate & carbon accounting
- ✓ ESG reporting & disclosure
- ✓ Circular economy

PPE

- ✓ OH&S PPE
- ✓ Motorcycle riders' PPE
- ✓ Healthcare PPE
- ✓ Industrial workwear
- ✓ Gloves & garments
- ✓ Safety footwear

Dyes & chemicals

- ✓ Pretreatment chemicals
- ✓ Dyeing/finishing agents
- ✓ Detergents/cleaners
- ✓ Industrial chemicals
- ✓ Biocidal products

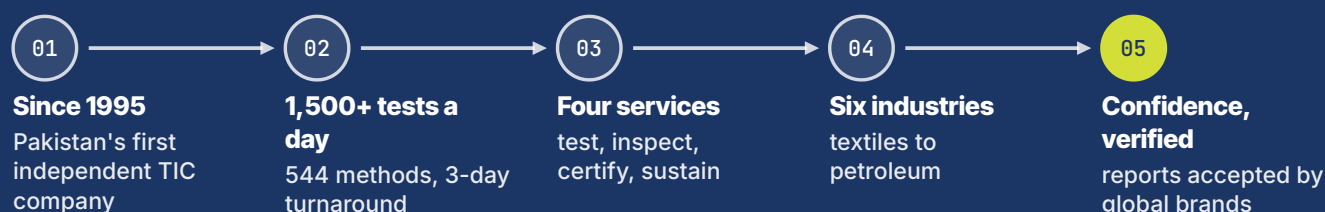
Petroleum

- ✓ Fuels & middle distillates
- ✓ Lubricating oils & greases
- ✓ Transformer oils
- ✓ Base & heavy oils
- ✓ Oil condition monitoring



Tti Testing Laboratories

Thirty years of proof, ready for your next market.



111 786 001



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marketing@ttilabs.net

 Lahore Office Head office 347-S Quaid-e-Azam Industrial Estate, Kot Lakhpat, Lahore-54770 (92-42) 111 786 001	 Karachi Office 3rd Floor, Plot No. 7c, Sunset Commercial St. No. 1, Phase 4, DHA, Karachi-75500 (92-21) 111 786 001	 Faisalabad Office Office # 145, 1st Floor Centre Point Plaza, Jaranwala Road, Faisalabad-38000 (041) 8733001	 Sialkot Office Opposite Mag Town Masjid, Kashmir Road, Sialkot-51310 (052) 3573367
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ISO/IEC 17025 accredited testing laboratory · ISO/IEC 17020 accredited inspection body · U.S. IAC certified microbiology laboratory · U.S. CPSC-accepted conformity assessment body · PNAC accredited · PSQCA approved · OGRA approved · EPA Punjab certified · ZDHC MRSL certifier & wastewater lab · The Microfibre Consortium 2030 Commitment signatory · World Food Programme partner laboratory

Images are for illustrative purposes only.

