

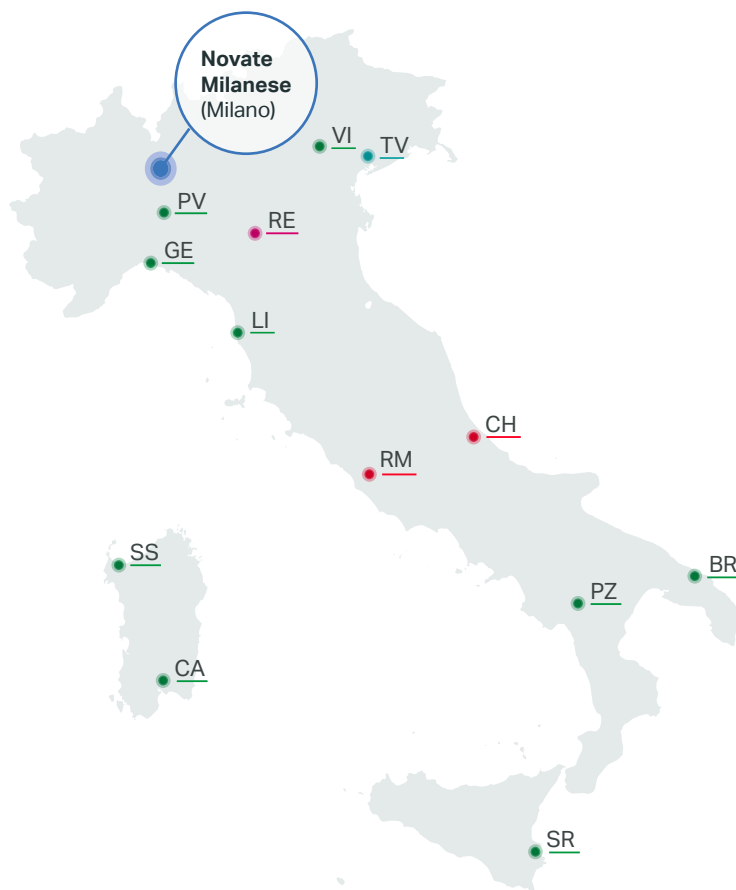
Nutraceutical and food division



Business Units

ChemService was founded in 1992 and is specialized in Nutraceutical and Food analysis.

In 2018 ChemService joined **Lab Analysis Group** becoming a group with over 10 laboratories with more than 800 employees and more than 45 years of experience.



GROUP OVERVIEW



+45
years expertise



+1000
accredited tests



+26.000 sqm
labs and offices



+ 800 employees
+ 65% graduated technicians

Chemical Unit

Nutraceutical Products: Raw materials and finished products

- Nutritional label: humidity, total fats, fatty acids (saturated, unsaturated and polyunsaturated), ashes, proteins, dietary fiber, carbohydrates, sugars, polyols).
- Identification and characterization of raw materials by their specific active ingredients as marker.
- Active ingredients content.
- Stability testing of new drug substances and products Q1A(R2) (ICH Guidelines).
- Development and Validation of new analytical methods (SANCO, ICH Guidelines).
- Chemical analysis of indicators of food quality: histamine, polyphosphate, sulfur dioxide, sodium nitrite, sodium nitrate, etc.
- Residual analysis: pesticides, solvents, heavy metals, PCB, mycotoxins, dioxins, IPA.
- Allergens: lactose, sulfur dioxide, ethylene oxide, alkaloids.

GROUP UNITS

- **Nutra & Food**
- Consumer Product Testing
- Health & Safety
- Pharma
- Environment
- Agrochemicals

Microbiology and Molecular Biology Unit

- Set-up and validation of the analytical method to quantify or detect microorganism strain in conventional and unconventional matrices.
- Challenge test
- Allergens quantification according to Reg. (UE) n. 1169/2011 and subsequent amendments.
- Set-up and validation of the analytical method to quantify or allergens in conventional and unconventional matrices.

Main Equipment

68

GC (various detectors) GC-MS

45

GC-MS

7

GC-MS-MS

1

GC-TEA
for nitrosamines

6

HS-GC
(various detectors)

1

GC-MS QTof

4

HRGC-HRMS
(magnetic sector)

67

HPLC-UPLC (various
detectors)

2

HPLC-MS linear ion
trap

15

HPLC-UPLC-MS-MS

2

HPLC-MS High Res-
olution (Orbitrap)

3

HPLC-MS QTof

3

GPC
for PM distribution

22

Ion chromatographs

2

FT-IR with universal
ATR

2

DSC/TGA
with FT-IR/GC-MS

5

Microscope tandem
FT-IR

1

SEM/EDS
with microanalysis

2

AAS

12/19

ICP-AES / ICP-MS

2

Spectrometer XRF

1

RX Diffractometer

80/30

DUSA/NGI/ACI

2

Particle size analyser

1/1

Particle morphology
analyzer / Droplet
analyzer (Spraytech)

1/1

Rheometer/
viscosimeter

5

Dissolution test
Apparatus

2

PCR

9/50

Walk-in climatic
Chambers/
Climatic chambers

2

Insulators

Authorizations



GMP Certificate by AIFA
(National Pharma Authority) in agreement
with European Directive



**FDA Food And Drug
Administration Approved**
Identification number FEI: 3006684386



Accreditation by Accredia
according to UNI EN ISO/17025



**Italian Coeliac Agency ONLUS
Authorization**



Certificate of Excellence of Quality,
Environment and Safety Management
System



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