



NEONAYA
BIOTECHNOLOGIES

NEONAYA develops a bio-inspired technology to capture micro- and nanopollutants from water.



NEO-CAPTURE

Preconcentrate **nanoparticles**
in less than **4 hours**

NEO-CAPTURE® is a *patented, bio-inspired technology, manufactured in France* to efficiently capture, concentrate and recover nanoparticles from aqueous samples.

Through its bio-inspired “molecular net” mechanism, **NEO-CAPTURE®** aggregates nanoparticles invisible to the naked eye, facilitating their recovery and characterization using conventional analytical methods. The aggregates can then be recovered by sedimentation, filtration or centrifugation.



REFERENCE
NC-100

LIST PRICE
€150 excl. VAT

PACKAGING
1 UNIT

Why choose NEO-CAPTURE®?



FAST

Preconcentration
in less than 4 hours



EFFICIENT

Capture efficiency
>90%



SIMPLE

Add our powder.
Mix.
It's done!



VERSATILE

Suitable for freshwater,
seawater and drinking
water



SUSTAINABLE

Bio-based and
environmentally friendly
technology

Target particle types



**MICRO AND
NANO-PLASTICS**



**POLYMERIC
PFAS***



PESTICIDES*



**PHARMACEUTICAL
RESIDUES***



**EMERGING
CONTAMINANTS***

Applications



**ACADEMIC
RESEARCH**



**WATER ANALYSIS
LABORATORIES**

Compatible with existing analytical protocols, with
no modification to laboratory equipment required.

Independent validation performed on micro and nanoplastics

TESTING PERFORMED BY



Plast-ANQO
PLASTICS: ANALYTICAL QUALIFICATION & OPTIMISATION

100 %
Demonstrated
recovery

20 ng
Py-GC/MS
detection limit

11
Polymers validated
without interference

**UP TO
100x**
Concentration
factor

TECHNICAL SPECIFICATIONS

100 ml
Sample volume

30 min to 4h
Protocol duration

« Recovery tests demonstrate optimal preconcentration efficiency, with a 100% yield ensuring quantitative retention of nanoplastics »

Plast-ANQO

* Validation studies are ongoing for these contaminants/pollutants.



NEO-CAPTURE



Scan to access the
**NEO-CAPTURE user
instructions**



Scan to access the full
**PLAST'ANQO validation
report (FR)**

For more information

Contact us

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neonaya.com



DEVELOPED BY



NEONAYA
BIOTECHNOLOGIES

