

PRODUCT NAME:

FERROLOX-X®

Next Generation Metal-Organic-Framework (MOF)
Based Adsorber



CERTIFICATE OF NON-OBJECTION

FERROLOX-X® is an engineered Metal-Organic-Framework (MOF) based adsorber developed by **Watch Water®** for the removal of organic and inorganic heavy metals from water. Each granule consists of an activated carbon core coated with a ferric oxide shell, creating a high-capacity and stable structure. This hybrid design enables rapid adsorption, high selectivity, and excellent regeneration capability.



Key Features

- ◆ Efficient removal of organic and inorganic heavy metals such as arsenic, lead, mercury, nickel, chromium, and cadmium
- ◆ Advanced MOF-based adsorber combining iron oxide with activated carbon surface
- ◆ High surface area (up to 3000 m²/g) enabling rapid and selective adsorption
- ◆ Provides high mechanized stability and extended filter life
- ◆ Maintains natural mineral balance in drinking water (no removal of essential minerals)
- ◆ Non-toxic, environmentally friendly, and safe for potable water treatment
- ◆ Regenerable using SOLAROXY-3C process for continuous operation and reduced waste
- ◆ Applicable to both residential and industrial water treatment systems

FERROLOX-X® is especially effective for treating drinking water, food and beverage process water, municipal water, and industrial wastewater, while retaining essential minerals for healthy consumption.

Water treated by **FERROLOX-X®** is safe for human, plant, and aquatic life, delivering clean and mineral-balanced drinking water without the need for RO purification.

Certification Note

This Certificate of Non-Objection confirms that **FERROLOX-X®** has been evaluated and found suitable for use in drinking water treatment applications by **Watch Water®**, based on internal testing and quality control standards.

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PREMIUM QUALITY
MADE IN GERMANY



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