



BIOMEDKHIM

PROPOSAL TO WATER UTILITIES

Use of the BAIDOS® Biological Product

Water utilities and sewage treatment plants. Sewage treatment plants



More Than 20 Years in Biotechnology

Biomedkhim has been developing and implementing environmental and agricultural biological products for more than 20 years



Key Benefits

01

Stabilization of key wastewater parameters

02

Rapid commissioning of treatment facilities

03

Effective for grease-containing wastewater

04

Reduced chemical consumption

05

Operation from +4°C

06

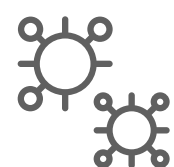
Odor elimination

07

Environmentally safe



General Description



BAIDOS® is an innovative biological product for municipal and industrial wastewater treatment. It enhances activated sludge performance, oxidizes organic compounds, intensifies nitrification and denitrification, degrades surfactants, fats, oils and petroleum products, and reduces COD and BOD

100% eco-friendly product

22+ comprehensive biological action

30 – 60% COD reduction

40 – 70% BOD reduction

60 – 80% foam reduction

Accelerated nitrification / Odor elimination

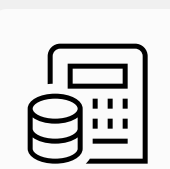
Composition and Effects

Automatic wastewater discharge monitoring stations (SAKS) will transmit environmental data to the national monitoring system. Improvements in wastewater quality will also be recorded



Maximum dosage

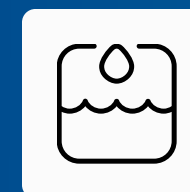
5 g per m³



Treatment cost is up

AED 2* per m³

*Preliminary calculation



One kilogram of BAIDOS treats

**200 m³ of
wastewater**





Product Forms and Dosage

Available in dry and liquid forms.

Initial dosage:

dry

5 g/m³

liquid

15 ml/m³



Implementation roadmap

01

Implementation roadmap

02

Data collection

03

Treatment program development

04

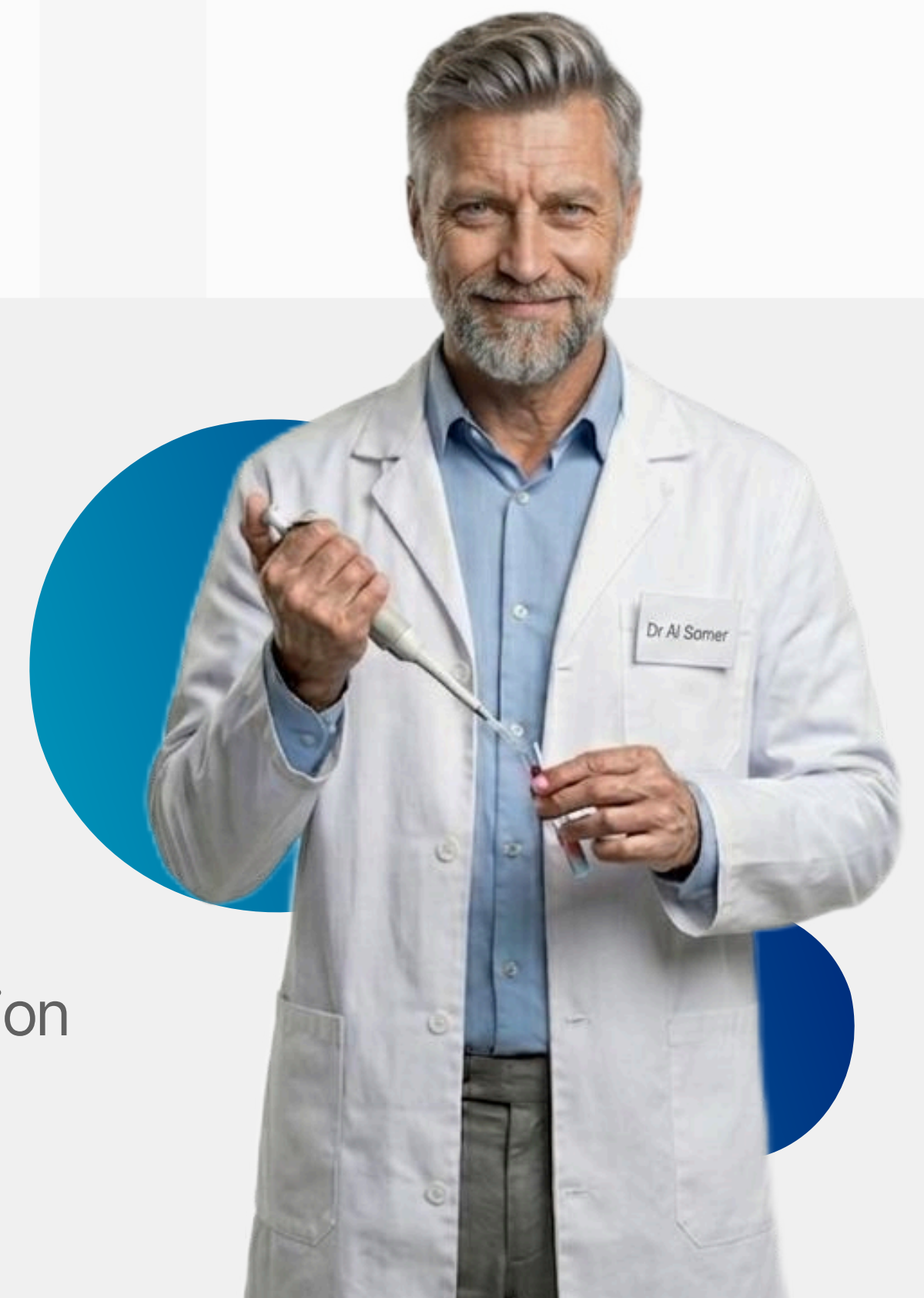
Production of cultures

05

Personnel training

06

Delivery and supervised implementation



Clients and Partners



BIOMEDKHIM

Contact details of Biomedkhim representatives in UAE

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