

eco-friendly

EKASIL Oil Sorbent

from rice husk silica

EKASIL www.ekasil.com (+66) 63-446-1740 satawat@ekasil.com

EKASIL

Rice Husk Silica

A sustainable and eco-friendly silicon dioxide product obtained from rice husk through specially designed technology that enables high-purity production with a silica content of up to 99.99%. Unlike typical silica sourced from sand, EKASIL rice husk silica is an environmentally friendly product. It is obtained via waste utilization in a nonpolluting, low-energy-consuming manufacturing process. Thanks to controlled production, the products can be customized with various physico-characteristic properties to match customers' specific requests, if any. EKASIL rice husk silica is a green and efficient utilization of waste with outstanding purity, making it an excellent choice for environmentally conscious individuals and companies.

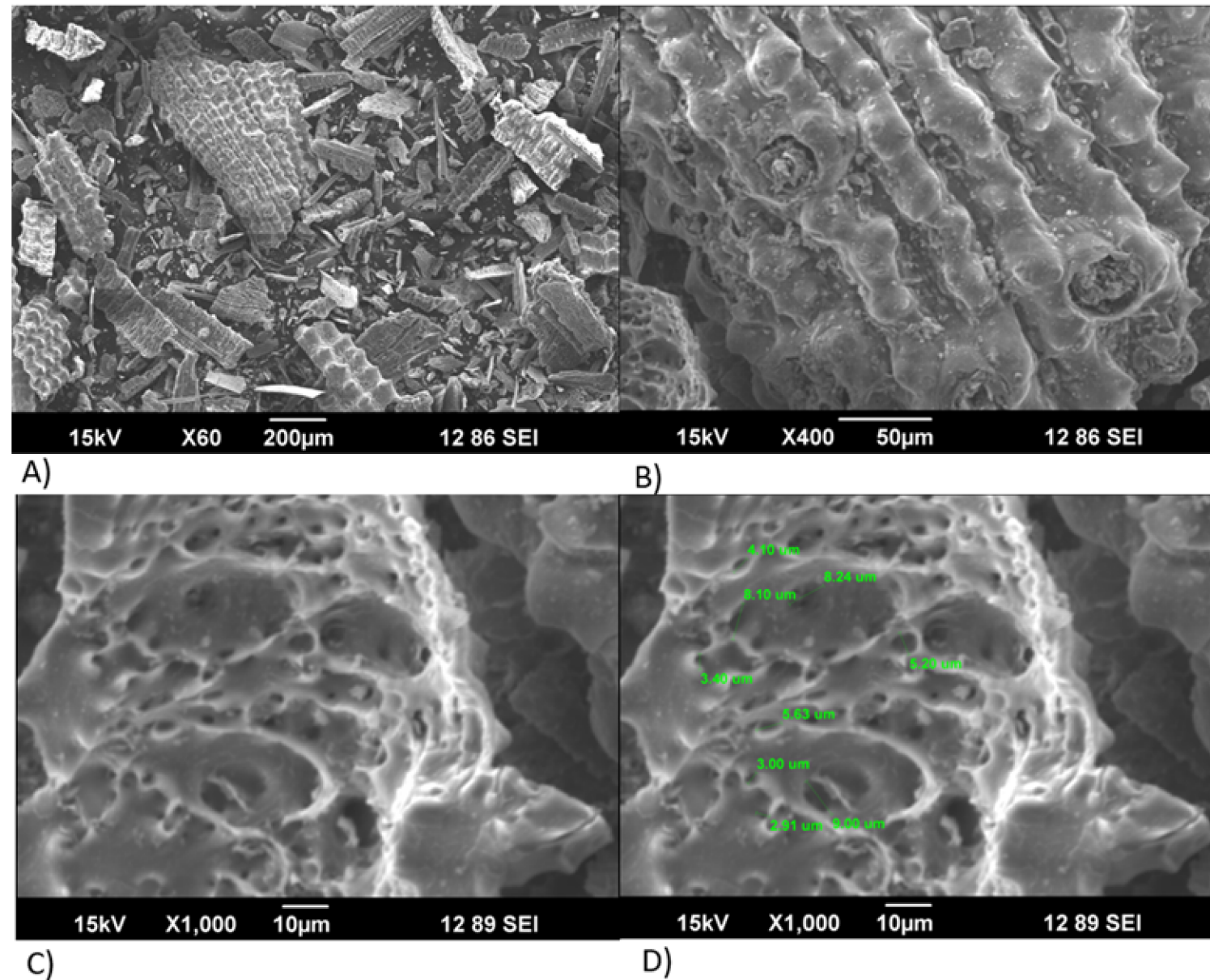


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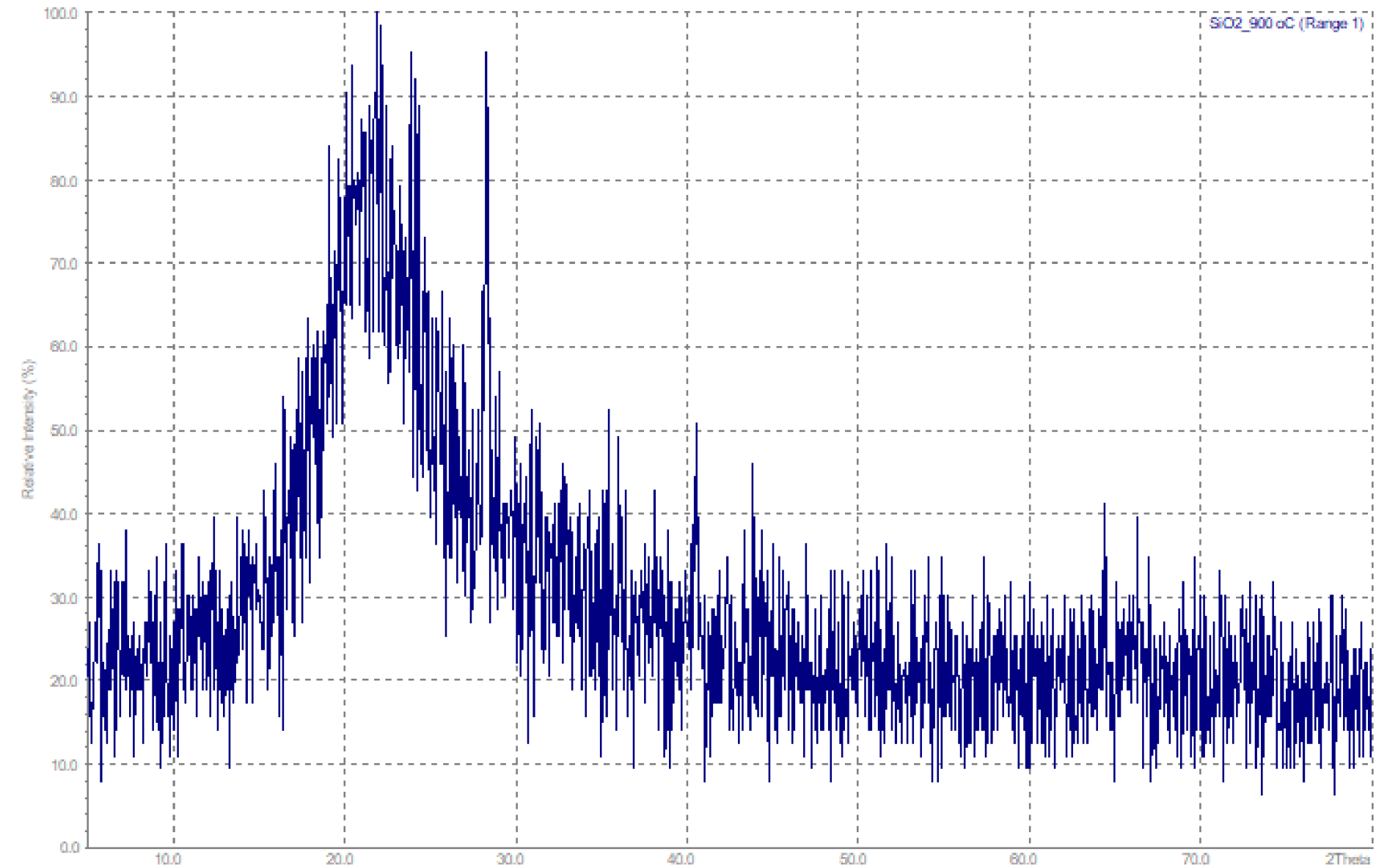
Properties	EKASIL Oil Sorbent
Specific surface area (BET analysis), m ² /g	110 - 140
Moisture content, % (2 hours by 105 C)	2 - 3
Total content of water-soluble salts, %	2 - 2.5
Carbon content, %	25 - 35
SiO ₂ content, %	70 - 60

Properties	EKASIL Oil Sorbent
Specific oil capacity, g/g	7 - 8
Specific oil absorption, g/g	8.4
Bulk density, g/l	200 - 250
Average particle size, micron	900
Average pore radius	19A

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SEM micrograph of EKASIL Oil Sorbent



Diffractogram of EKASIL Oil Sorbent

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Pictures of EKASIL Oil Sorbent





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