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CERTIFICATE OF ANALYSIS

PRODUCT NAME: ECUNIOGXF
CHEMICAL: OCTADECYL ENDCAPPED BONDED SILICA
SILICA TYPE: Irregular particles 80-200 micron, 60 Angstrom pores
LOT NUMBER: 072116-IP

		Specification Values		Lot Analysis
Test	**Method**	**Min**	**Max**	
Average Pore Size	SOP82-4.042	55Å	65Å	60Å
Surface Area (m^2/g)	SOP82-4.042	470	550	$528m^2/g$
Pore Volume (cm^3/g)	SOP82-4.042	0.70	0.85	0.75 cm^3/g
pH	Supplier	6.5	7.5	7.0
XRODH				
Appearance	Visual	White Fine Powder		White Fine Powder
Carbon Analysis by Weight (Organic Loading)	SOP82-4.024	20.5%	22.70%	21.28%
Endcapping	SOP82-4.027	0.00abs	0.90abs	0.258abs

The shelf life is only valid if the material is stored in the original unopened container.
The specifications and lot analysis are only valid using the listed methods.
The test methods and specifications were current when the product was lotted.

CERTIFIED BY:
NAME: L. Bender

TITLE: QC Analyst

Certificate issue DATE: 11/14/2022

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