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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:**

040244-HL

<u>Test</u>	<u>Method</u>	<u>Specification Values</u>		<u>Lot Analysis</u>
		<u>Min</u>	<u>Max</u>	
Average Pore Size	SOP82-4.042	55Å	65Å	60Å
Surface Area (m <sup>2</sup> /g)	SOP82-4.042	470	530	513m <sup>2</sup> /g
Pore Volume (cm <sup>3</sup> /g)	SOP82-4.042	0.70	0.85	0.75 cm <sup>3</sup> /g
pH	Supplier	6.5	7.5	7.0
<b>XRODH</b>				
Appearance	Visual	White Fine Powder		White Fine Powder
Carbon Analysis by Weight (Organic Loading)	SOP82-4.024	20.5%	22.70%	21.07%
Endcapping	SOP82-4.027	0.00abs	0.90abs	0.133abs

*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:** D. Kearns

**TITLE:** QC ANALYST

**Certificate issue DATE:** 03/13/2019

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