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## CERTIFICATE OF ANALYSIS

**PRODUCT NAME:**

ECUNI549

**CHEMICAL:**

OCTYL ENDCAPPED BONDED SILICA

**SILICA TYPE:**

Irregular particles 40-63 micron, 60 Angstrom pores

**LOT NUMBER:**

043096-FK

<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	508 m <sup>2</sup> /g
Pore Volume (cm <sup>3</sup> /g)	SOP82-4.042	0.70	0.85	0.79 cm <sup>3</sup> /g
pH	Supplier	6.5	7.5	7.0
<b>CEC08</b>				
Appearance	Visual	White Fine Powder		White Fine Powder
Carbon Analysis by Weight (Organic Loading)	SOP82-4.024	10.0%	12.0%	11.35%
Endcapping	SOP82-4.027	1.0abs	3.0abs	2.97abs

*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:** 06/12/2019

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