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## CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** EC525  
**CHEMICAL:** OCTADECYL UNENDCAPPED BONDED SILICA  
**SILICA TYPE:** Irregular particles 40-63 micron, 60 Angstroms  
**LOT NUMBER:** 078353-DT

<u>Test</u>	<u>Method</u>	<u>Specification Values</u>		<u>Lot Analysis</u>
		<u>Min</u>	<u>Max</u>	
Appearance	Visual	White Fine Powder		White Fine Powder
Average Pore Size	SOP82-4.042	55Å	65Å	60Å
Surface Area (m <sup>2</sup> /g)	SOP82-4.042	470	530	504 m <sup>2</sup> /g
Pore Volume (cm <sup>3</sup> /g)	SOP82-4.042	0.62	1.02	0.74 cm <sup>3</sup> /g
Carbon Analysis by Weight (Organic Loading)	SOP82-4.024	15.50%	17.50%	17.51%

*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:** 08/30/2023

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