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## CERTIFICATE OF ANALYSIS

**PRODUCT NAME:**

ECQUUS1815CT

**CHEMICAL:**

Mixture of CEC18 , ECSS (sodium sulfate)

**SILICA TYPE:**

Irregular particles 40-63 micron, 60 Angstroms

**LOT NUMBER:**

044617-CY

		<u>Specification Values</u>		<u>Lot Analysis</u>
<u>Test</u>	<u>Method</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	493 m <sup>2</sup> /g
Pore Volume (cm <sup>3</sup> /g)	SOP82-4.042	0.70	0.85	0.76 cm <sup>3</sup> /g
Appearance	Visual	White Fine Powder		White Fine Powder
<b>CEC18 (lot#914250-BQ)</b>				
Carbon Analysis by Weight (Organic Loading)	SOP82-4.024	20.50%	22.70%	20.95%
Endcapping	SOP82-4.027	0.00abs	0.90abs	0.35 abs
● Total sorbent weight per tube (200mg)		190	210	Conforms
<b>ECSS (lot#917220-CY)</b>				
Assay:		99.0%Min.		99.30%
● Total sorbent weight per tube (900mg)		855	945	Conforms

- All components of this product are individually weighed. The mass of each raw material meets method required tolerances.

*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:** 08/08/2019

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