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CERTIFICATE OF ANALYSIS

PRODUCT NAME: ECQUUS2215CT
CHEMICAL: Mixture of ECSS (sodium sulfate), CUPSA, CEC18
SILICA TYPE: Irregular particles 40-63 micron, 60 Angstroms
LOT NUMBER: 072811-DK

		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	530	504 m^2/g
Pore Volume (cm^3/g)	SOP82-4.042	0.70	0.85	0.74 cm^3/g
Appearance	Visual	White Fine Powder		White Fine Powder
ECSS (lot#224020-DK)				
Assay:		99.0%Min.		99.90%
• Total sorbent weight per tube (900mg)		855	945	Conforms
CEC18 (lot#224170-CZ)				
Carbon Analysis by Weight (Organic Loading)	SOP82-4.024	20.50%	22.70%	21.07%
Endcapping	SOP82-4.027	0.00abs	0.90abs	0.485abs
• Total sorbent weight per tube (100mg)		95	105	Conforms
CUPSA (lot#128290-GZ)				
Carbon Analysis by Weight (Organic Loading)	SOP82-4.024	10.50%	12.50%	11.57%
Anion Exchange	SOP82-4.028	1.00	1.20	1.116meq/g
• Total sorbent weight per tube (50mg)		48	53	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: 12/14/2022

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