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CERTIFICATE OF ANALYSIS

PRODUCT NAME: ECQUSF74CT
CHEMICAL: Mixture of MgSO4, CEC18
SILICA TYPE: Irregular particles 40-63 micron, 60 Angstroms
LOT NUMBER: 072351-CL

		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
MgSO4 (lot#226040-BQ)				
Assay	Ignition	99.50%	100.5%	100.1%
● Total sorbent weight per tube (150mg)		143	158	Conforms
CEC18 (lot#120321-CT)				
Carbon Analysis by Weight (Organic Loading)	SOP82-4.024	20.50%	22.70%	21.18%
Endcapping	SOP82-4.027	0.00abs	2.00abs	0.477abs
● 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: 11/29/2022

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