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CERTIFICATE OF ANALYSIS

PRODUCT NAME: ECQUEU22CT

CHEMICAL: Mixture of MgSO4, CUPSA, CEC18

SILICA TYPE: Irregular particles 40-63 micron, 60 Angstroms

074290-AD LOT NUMBER:

		Specific	cation Values	Lot Analysis
Test Average Pore Size Surface Area (m²/g) Pore Volume (cm³/g) Appearance MgSO4 (lot#223010-BO) Assay	Method SOP82-4.042 SOP82-4.042 SOP82-4.042 Visual	Min 55Å 470 0.70 White F	Max 65Å 530 0.85 ine Powder	60Å 496 m²/g 0.73 cm³/g White Fine Powder 100.1%
• Total sorbent weight per tube (150mg)		143	158	Conforms
CUPSA (lot#127180-GY) Carbon Analysis by Weight (Organic Loading)	SOP82-4.024	10.50% 1.00		11.81%
Anion ExchangeTotal sorbent weight per tube (25mg)	SOP82-4.028	23.8	1.50 26.3	1.147meq/g Conforms
CEC18 (lot#122021-CS) Carbon Analysis by Weight (Organic Loading)	SOP82-4.024		22.70%	21.14%
EndcappingTotal sorbent weight per tube (25mg)	SOP82-4.027	0.00abs 23.8	0.90abs 26.3	0.610abs 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: D. Kearns

TITLE: QC Analyst

Certificate issue DATE: 02/28/2023

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