



2731 Bartram Road
Bristol, PA 19007-6893
800.385.3153
www.unitedchem.com

CERTIFICATE OF ANALYSIS

PRODUCT NAME: ECMSPSACB6
CHEMICAL: MgSO₄, (bottom layer), CUPSA (middle layer),
CUCARB (top layer)
SILICA TYPE: Irregular particles 40-63 micron, 60 Angstroms
LOT NUMBER: 076639-BQ

		<u>Specification Values</u>		<u>Lot Analysis</u>
<u>Test</u>	<u>Method</u>	<u>Min</u>	<u>Max</u>	
Appearance MgSO₄ (lot#226040-BQ)	Visual	White Fine Powder		White Fine Powder
Assay	Ignition	99.50%	100.5%	100.1%
● Total sorbent weight per tube (750mg)		712	788	Conforms
CUPSA (lot#321310-HE)				
Carbon Analysis by Weight (Organic Loading)	SOP82.4024	10.50%	12.50%	11.36%
Anion Exchange	SOP82.4028	1.00	1.50	1.058 meq/g
● Total sorbent weight per tube (500mg)		475	525	Conforms
CUCARB (lot#322050-EX)				
Graphitized carbon	SOP82.4042			133 m ² /g
● Total sorbent weight per tube (250mg)		237	263	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: 06/14/2023

2731 Bartram Road / Bristol, PA 19007 USA / Phone 215-781-9255 / Fax 215-785-1226
Email: info@unitedchem.com Internet: [HTTP://www.unitedchem.com](http://www.unitedchem.com)