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

CERTIFICATE OF ANALYSIS

PRODUCT NAME: ECUNIC18
CHEMICAL: OCTADECYL ENDCAPPED BONDED SILICA
SILICA TYPE: Irregular particles 40-63 micron, 60 Angstrom pores
LOT NUMBER: 072015-DA

		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	504m^2/g
Pore Volume (cm^3/g)	SOP82-4.042	0.70	0.85	0.74 cm^3/g
pH	Supplier	6.5	7.5	7.0
EEC18				
Appearance	Visual	White Fine Powder		White Fine Powder
Carbon Analysis by Weight (Organic Loading)	SOP82-4.024	20.5%	22.70%	21.57
Endcapping	SOP82-4.027	0.00abs	2.00abs	0.666abs

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: 11/07/2022

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