



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

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CUCNP1
CHEMICAL: CYANOPROPYL, UNENDCAPPED BONDED SILICA
SILICA TYPE: Irregular particles 40-63 micron, 60 Angstroms
LOT NUMBER: 22290-HI

SHIPPING DATE:

<u>Test</u>	<u>Method</u>	<u>Specification Values</u>		<u>Lot Analysis</u>
		<u>Min</u>	<u>Max</u>	
Average Pore Size	Supplier	55Å	65Å	60Å
Surface Area (m ² /g)	Supplier	470	530	504 m ² /g
Pore Volume (cm ³ /g)	Supplier	0.70	0.85	0.74 cm ³ /g
Bulk Density (g/cm ³)	Supplier	0.40	0.60	0.50 g/cm ³
pH	Supplier	6.5	7.5	7.0
Solid (wt%)	Supplier	≥96		99.5%
Appearance	Visual	White Fine Powder		White Fine Powder
Carbon Analysis by Weight (Organic Loading)	UCT2000	8.00%	10.0%	9.22%

*The shelf life for this product is 24 months from the date of shipment.
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: 09/27/2022

731 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)