



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

CERTIFICATE OF ANALYSIS

PRODUCT NAME:

ECUNIOGXF

CHEMICAL:

OCTADECYL ENDCAPPED BONDED SILICA

SILICA TYPE:

Irregular particles 80-200 micron, 60 Angstrom pores

LOT NUMBER:

041999-HM

| <u>Test</u> | <u>Method</u> | <u>Specification Values</u> | | <u>Lot Analysis</u> |
|--|---------------|-----------------------------|------------|-------------------------|
| | | <u>Min</u> | <u>Max</u> | |
| Average Pore Size | SOP82-4.042 | 55Å | 65Å | 60Å |
| Surface Area (m ² /g) | SOP82-4.042 | 470 | 530 | 513m ² /g |
| Pore Volume (cm ³ /g) | SOP82-4.042 | 0.70 | 0.85 | 0.75 cm ³ /g |
| pH | Supplier | 6.5 | 7.5 | 7.0 |
| XRODH | | | | |
| Appearance | Visual | White Fine Powder | | White Fine Powder |
| Carbon Analysis by Weight (Organic Loading) | SOP82-4.024 | 20.5% | 22.70% | 20.50% |
| Endcapping | SOP82-4.027 | 0.00abs | 0.90abs | 0.293abs |

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: 05/14/2019

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)