



UCT SPECIALTIES, LLC

Certificate of Analysis

Product Name: S1590-KG
Chemical: 3-(N-styrylmethyl-2-aminoethylamino)Propyltrimethoxysilane Hydrochloride, 40% in Methanol
Lot Number: 20180439

| TEST | RESULT | METHOD | SPECIFICATION LIMIT |
|------------------------|------------------------------|--------------|------------------------------|
| APPEARANCE DESCRIPTION | Yellow to golden brown color | UCT0063 | Yellow to golden brown color |
| CHLORIDE | 3.600 | UCT0262 | 3.4 Min. |
| IR | Pass | UCT0050 | Pass |
| VISCOSITY in cS | 2.2 | UCT0046 | 1 - 3 |
| REF INDEX | 1.39850 | UCT0044 | 1.39 - 1.41 |
| SP. GRAVITY @25DEG.C | 0.90720 | ASTM D891-95 | 0.89 - 0.92 |

The shelf life for this product is 6 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: Michael Lento
Title: Chemist
Date: 01/18/2019