



Product Specification

Chemical Name: Trioxo(triphenylsilyloxy)rhenium(VII)

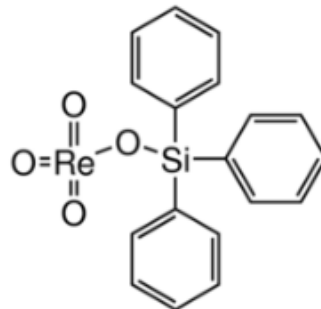
CMI Product Code: 1015

CAS Number: 60624-60-4

Formula: $\text{ReO}_3(\text{C}_{18}\text{H}_{15}\text{SiO})$

Formula Weight: 509.6 g/mol

Theoretical Re%: 36.5%



PARAMETER

SPECIFICATION

Re Assay	$36.5 \pm 1.1\%$
Chemical Purity	> 96% (based on carbon %)
Microanalysis	Carbon: $42.4 \pm 1.7\%$
Infrared Spectrum	Conforms to structure
Appearance	Colorless to brown powder or crystals
Storage	Air, heat and moisture sensitive. Store under inert gas in a tightly sealed container. Recommended storage temperature is 2–8 °C.

Reviewing Chemist: Dr. Bryan Frauhiger, Ph.D., Organometallic Technical Director: BEF

Specification Approval: Dr. Ernest Addo, Ph.D., Director of Quality & Analytical Testing: EA

Release Date: February 8, 2016

Revision Level: 0

Colonial Metals warrants, that at the time of product release this product conformed to the information contained on this specification sheet. Purchaser must determine the suitability of the product for its particular use.