

## Certificate of Analysis

**Product Name** : Thulium(III) Trifluoromethanesulfonate  
**Size** : 100 mesh  
**Catalog Number** : TM3804  
**Date** : 08/14/2023

Purity	wt%
(CF <sub>3</sub> SO <sub>3</sub> ) <sub>3</sub> Tm	98.0

**Note 1:** Values are given in ppm unless otherwise specified

**Note 2:** All Figures above are weight for weight as determined by ICP

Stanford Advanced Materials

By Norman