

Headquarters

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PRODUCT SPECIFICATION

TMS TMS
TMS N TMS

Product Name <u>Tris[N,N-bis(trimethylsilyl)amide]samarium(III)</u>

Product Code SM9016

CAS Number 35789-01-6

Molecular formula $C_{18}H_{54}Si_6N_3Sm$

Linear formula $Sm(N(Si(CH_3)_3)_2)_3$

Molecular weight 631.51

Melting point 93-106C

TEST	SPECIFICATION
Assay (purity)	97.5%+
Purity method	by titration
Appearance	white to yellow powder or crystals
NMR	conforms to structure
Titration	%Sm=23.2-24.4
Titration type	complexometric

For available packaging options or alternative purify grades please contact our technical services.

The offered information is intended to be used by technically qualified personnel at their discretion and risk. The currentSpecification sheet may be available at ereztech.com. Purchaser must determine the suitability of the product for its particularuse.