

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Tris(tert-butoxy)silanol(TBS)**
 Specifications & Purity: packaged for use in deposition systems
 SKU #: **T432250**

Parameter	Limit Values
Appearance(T432250)	White crystals or powder
Proton NMR spectrum	Conforms to Structure
Purity(GC)	99-100 (%)
Chloride by Ion Chromatography	0-100 (ppm)
Trace Metal Analysis	0-20 (ppm)
Purity Based On Trace Metals Analysis	99.998-100 (%)
Aluminum(Al)	<15 (ppb)
Antimony(Sb)	<5 (ppb)
Arsenic(As)	<5 (ppb)
Barium(Ba)	<5 (ppb)
Beryllium(Be)	<5 (ppb)
Bismuth(Bi)	<5 (ppb)
Boron(B)	<28 (ppb)
Cadmium(Cd)	<5 (ppb)
Calcium (Ca)	<22 (ppb)
Cerium(Ce)	<5 (ppb)
Chrome(Cr)	<5 (ppb)
Cobalt (Co)	<5 (ppb)
Copper(Cu)	<5 (ppb)
Dysprosium(Dy)	<5 (ppb)
Erbium(Er)	<5 (ppb)
Europium(Eu)	<5 (ppb)
Gadolinium (Gd)	<5 (ppb)
Gallium(Ga)	<5 (ppb)
Germanium (Ge)	<5 (ppb)
Gold(Au)	<5 (ppb)
Hafnium(Hf)	<5 (ppb)
Holmium(Ho)	<5 (ppb)
Indium(In)	<5 (ppb)
Iridium(Ir)	<5 (ppb)
Iron(Fe)	<16 (ppb)
Lanthanum(La)	<5 (ppb)

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Lead(Pb)	<5 (ppb)
Lithium(Li)	<5 (ppb)
Lutetium(Lu)	<5 (ppb)
Magnesium (Mg)	<5 (ppb)
Manganese(Mn)	<5 (ppb)
Mercury (Hg)	<5 (ppb)
Molybdenum(Mo)	<5 (ppb)
Neodymium(Nd)	<5 (ppb)
Nickel(Ni)	<5 (ppb)
Niobium(Nb)	<5 (ppb)
Osmium (ICP)	<5 (ppb)
Palladium(Pd)	<5 (ppb)
Platinum(Pt)	<5 (ppb)
Potassium(K)	<5 (ppb)
Praseodymium(Pr)	<5 (ppb)
rhenium(Re)	<5 (ppb)
Rhodium(ICP)	<5 (ppb)
Ruthenium (ICP)	<5 (ppb)
Samarium(Sm)	<5 (ppb)
Silver (Ag)	<5 (ppb)
Sodium(Na)	<11 (ppb)
Strontium(Sr)	<5 (ppb)
Tantalum(Ta)	<5 (ppb)
tellurium(Te)	<5 (ppb)
Terbium(Tb)	<5 (ppb)
Thallium(Tl)	<5 (ppb)
Thorium(Th)	<5 (ppb)
Thulium(Tm)	<5 (ppb)
Tin(Sn)	<5 (ppb)
Titanium(Ti)	<6 (ppb)
Tungsten(W)	<5 (ppb)
uranium(U)	<5 (ppb)
Vanadium (V)	<5 (ppb)
Ytterbium(Yb)	<5 (ppb)
Yttrium(Y)	<5 (ppb)
Zinc(Zn)	<5 (ppb)
Zirconium(Zr)	<5 (ppb)