

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	35812
Lot Number	003131-12111
Product	Scandium(III) nitrate hydrate Scandium trinitrate hydrate
CAS Number	107552-14-7
Molecular Formula	Sc(NO ₃) ₃ •xH ₂ O
Molecular Weight	230.97 (anhydrous basis)

Appearance White crystalline powder

Anion Si : 30 ppm

Purity 99.9% (Metal basis)

Storage Store at RT

Additional Information Content of Sc₂O₃ : 22.5%

Cation - Na+K : < 10 ppm, Mg : 2 ppm, Al : 2 ppm, Ca : 30 ppm, Ti : 2 ppm, V : < 1 ppm, Cr : < 1 ppm, Mn : 2 ppm, Fe : 8 ppm, Co : < 1 ppm, Ni : 5 ppm, Zn : < 2 ppm, Y : < 50 ppm, La : < 50 ppm, Ce : < 50 ppm, Pr : < 10 ppm, Nd : < 50 ppm, Sm : < 5 ppm, Eu : < 5 ppm, Gd : < 50 ppm, Tb : < 5 ppm, Dy : < 50 ppm, Ho : < 10 ppm, Er : < 10 ppm, Tm : < 10 ppm, Yb : < 10 ppm, Lu : < 10 ppm, Pb : < 2 ppm, Bi : < 1 ppm, Th : < 1 ppm, U : < 0.4 ppm

Remarks See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager