

November 2004

**Technical Data Sheet for  
 Indium Sulphate powder**

**Nomenclature:** Indium(III)Sulphate anhydrous  
**Formula:**  $\text{In}_2(\text{SO}_4)_3$  M.W. 517.8  
**CAS Number:** 13464-82-9

**Chemical Data**



Al	1ppm
As	<1ppm
Cd	5ppm
Cr	<1ppm
Cu	3ppm
Fe	10ppm
Mo	<1ppm
Ni	1ppm
Pb	9ppm
Sb	< 1ppm
Sn	7ppm
Tl	1ppm
V	< 1ppm
Zn	2ppm

**Typical values**

99.99% minimum

**Morphology**

**Particle size**

Median value 8 micrometers

**Typical tap density** =  $1.6\text{gcm}^{-3}$

**Theoretical % metal in compound**  
 as indium = 44.34% w/w

**Appearance** - white powder

**Solubility** in water - soluble

**Packaging/Containers**

Typically 5-10kg plastic tubs



*Anhydrous Indium Sulphate  
 powder after crushing to  $<10\mu$*