

November 2001

Technical Data Sheet for INDIUM SULPHAMATE soln.

Nomenclature: Indium(III)Sulphamate(sulfamate), in aqueous solution.

Formula: $\text{In}(\text{NH}_2\text{SO}_3)_3$ M.W. 403.1

CAS Number: 66027-93-8 {hydrated form}

Description: $\text{In}(\text{NH}_2\text{SO}_3)_3$ dissolved in de-ionized H_2O

Appearance Clear colourless solution

Chemical Data

Indium Strength Typically 125g/l as In

Made from indium of a purity not less than 99.99% and typically 99.995%



Indium Sulphamate in aqueous solution packed in a 2 litre borosilicate glass bottle with ptfе insert in screw cap

% metal in compound w/w
as indium $\equiv 28.48\%$

Liquid Density

$\text{In}(\text{NH}_2\text{SO}_3)_3$ in soln. at 125g/l In $\equiv 1.35\text{gcm}^{-3}$

Physical properties

Indium sulphamate decomposes on heating

pH < 1

Packaging/Containers

Glass/Polythene bottles