



>>Entry Name: Zinc dithionite

ENTRY UNDER REVIEW

Synonym(s): Zinc hyposulfite

CAS Registry Number: 7779-86-4

$\text{Zn}(\text{S}_2\text{O}_4)$

Molecular Formula: $\text{O}_4\text{S}_2\text{Zn}$

Molecular Weight: 193.52

Accurate Mass: 191.852945

Percentage Composition: O 33.07%; S 33.14%; Zn 33.79%

Source/Synthesis: Synth. from Zn and SO_2 in soln.

Use/Importance: Used as bleach

Physical Description: White powder

Solubility: Sol. H_2O

References:

Ladhabhoy, M.E., *Indian Chem. J.*, 1970, **5**, 22, (rev, manuf)

Brauer, G., *Handbuch Prap. Anorg. Chem.*, 3rd edn., Ferdinand Enke Verlag, 1975, **1**, 395, (synth)

Kirk-Othmer Encycl. Chem. Technol., 3rd edn., Wiley, 1978, **3**, 946; **22**, 137; 155; **24**, 811, (props, use)

Encyclopedia of Food and Color Additives, (ed. Burdock, G.A.), CRC Press, 1997, 2988