

APPENDIX

<i>thiosulfates</i>		<i>thionates</i>	
<u>Structured formula</u>	<u>ICSD code</u>	<u>Structured formula</u>	<u>ICSD code</u>
$((\text{NH}_3)_5\text{Co}(\text{S}_2\text{O}_3))\text{Cl}(\text{H}_2\text{O})$	989	$\text{Mg}(\text{S}_2\text{O}_6)(\text{H}_2\text{O})_6$	1834
$\text{Ni}(\text{S}_2\text{O}_3)(\text{H}_2\text{O})_6$	2428	$\text{Ni}(\text{S}_2\text{O}_6)(\text{H}_2\text{O})_6$	1835
$\text{Na}_3\text{Au}(\text{S}_2\text{O}_3)_2(\text{H}_2\text{O})_2$	6233	$\text{Zn}(\text{S}_2\text{O}_6)(\text{H}_2\text{O})_6$	1836
$(\text{NH}_4)_2(\text{S}_2\text{O}_3)$	8126	$((\text{NH}_3)_3\text{Co}(\text{OH}\text{OH}\text{OH})\text{Co}(\text{NH}_3)_3)_2(\text{S}_2\text{O}_6)_3$	4313
$\text{Na}_4(\text{Ni}(\text{NH}_3)_4)(\text{Ag}(\text{S}_2\text{O}_3)_2)_2(\text{NH}_3)_{0.3}$	35106	$(\text{Co}(\text{H}_2\text{O})(\text{NH}_3)_5)_2(\text{S}_2\text{O}_6)_3(\text{H}_2\text{O})_2$	8209
$\text{Mg}(\text{S}_2\text{O}_3)(\text{H}_2\text{O})_6$	35665	$(\text{Cu}(\text{NH}_3)_4)(\text{S}_2\text{O}_6)$	10065
$\text{Cd}(\text{S}_2\text{O}_3)(\text{H}_2\text{O})_2$	59239	$\text{BaTe}(\text{S}_2\text{O}_3)_2(\text{H}_2\text{O})_3$	10285
$(\text{Co}(\text{NH}_3)_6)(\text{S}_2\text{O}_3)\text{Cl}(\text{H}_2\text{O})$	59268	$\text{K}_2\text{Ba}(\text{S}_6\text{O}_6)_2$	10299
$\text{Ca}(\text{S}_2\text{O}_3)(\text{H}_2\text{O})_6$	59815	$\text{BaTe}(\text{S}_2\text{O}_3)_2(\text{H}_2\text{O})_{1.26}$	14022
$\text{Na}_2(\text{S}_2\text{O}_3)$	60022	$\text{BaSe}(\text{S}_2\text{O}_3)_2(\text{H}_2\text{O})_{2.54}$	14166
$\text{Na}_2(\text{S}_2\text{O}_3)(\text{H}_2\text{O})_{0.67}$	72924	$\text{BaSe}(\text{S}_2\text{O}_3)_2(\text{H}_2\text{O})_{1.75}$	14167
$\text{Pb}_4(\text{S}_2\text{O}_3)\text{O}_2(\text{OH})_2$	87736 [sidpietersite]	$\text{Na}_2(\text{S}_2\text{O}_6)(\text{H}_2\text{O})_2$	26326
$\text{Pb}_5(\text{OH})_5(\text{Cu}(\text{S}_2\text{O}_3)_3)(\text{H}_2\text{O})_{1.67}$	[steverustite]	$\text{K}_2(\text{S}_3\text{O}_6)$	30990
$(\text{Ni}(\text{S}_2\text{O}_3))(\text{C}_{14}\text{H}_{12}\text{N}_2)$	90826	$(\text{Cr}(\text{NH}_3)_4(\text{OH}))_2(\text{S}_2\text{O}_6)_2(\text{H}_2\text{O})_4$	37067
$\text{Ba}(\text{S}_2\text{O}_3)(\text{H}_2\text{O})$	100282	$\text{Na}_2(\text{S}_4\text{O}_6)(\text{H}_2\text{O})_2$	40833
$\text{Na}_2(\text{S}_2\text{O}_3)(\text{H}_2\text{O})_5$	279595	$\text{Ca}(\text{S}_2\text{O}_6)(\text{H}_2\text{O})_4$	41148
$(\text{NH}_4)_9\text{Br}_2(\text{Ag}(\text{S}_2\text{O}_3)_4)$	280961	$\text{Na}_2(\text{S}_2\text{O}_6)(\text{D}_2\text{O})_2$	60032
		$\text{Cr}((\text{OH})_2\text{Cr}(\text{NH}_3)_4)_3(\text{S}_2\text{O}_6)_3(\text{H}_2\text{O})_4$	60785
		$((\text{NH}_3)_5\text{Rh}(\text{H}_2\text{O}))((\text{OH})\text{Rh}(\text{NH}_3)_5)(\text{S}_2\text{O}_6)_{2.5}(\text{H}_2\text{O})_3$	68293
		$\text{Sr}(\text{S}_2\text{O}_6)(\text{H}_2\text{O})_4$	79776
		$\text{K}_2(\text{S}_2\text{O}_6)$	82843
		$\text{Cs}_2(\text{S}_2\text{O}_6)$	200865
		$\text{Cs}_2(\text{S}_3\text{O}_6)(\text{SO}_2)$	406809