

<p>COMPONENTS:</p> <p>Alkali-metal selenites</p>	<p>EVALUATOR:</p> <p>Mary R. Masson, Dept. of Chemistry, University of Aberdeen, Meston Walk, Old Aberdeen, AB9 2UE, Scotland, UK.</p> <p>June 1984.</p>
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CRITICAL EVALUATION:

The data for sodium selenite and potassium selenite are discussed separately. For the following systems, only the binary systems of the compound with water have been studied.

Lithium selenite; Li_2SeO_3 ; [15593-51-8]	(1)
Sodium pyroselenite; $\text{Na}_2\text{Se}_2\text{O}_5$; [24458-98-8] (disodium diselenite)	(2,3)
Sodium trihydrogen diselenite; $\text{NaH}_3(\text{SeO}_3)_2$; [14013-56-0]	(2,3)
Potassium pyroselenite; $\text{K}_2\text{Se}_2\text{O}_5$; [12529-99-6] (dipotassium diselenite)	(2,3)
Potassium trihydrogen diselenite; $\text{KH}_3(\text{SeO}_3)_2$; [15457-71-3]	(2,3)
Ammonium selenite; $(\text{NH}_4)_2\text{SeO}_3$; [7783-19-9]	(3,4)
Ammonium pyroselenite; $(\text{NH}_4)_2\text{Se}_2\text{O}_5$; [13597-78-9] (diammonium diselenite)	(3,4)
Ammonium trihydrogen diselenite; $\text{NH}_4\text{H}_3(\text{SeO}_3)_2$; [25425-97-2]	(3,4)

The data (which are reported on the compilation pages) all appear to be reasonably reliable, but since there is only one study for each system, the data can just be regarded as tentative.

REFERENCES

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