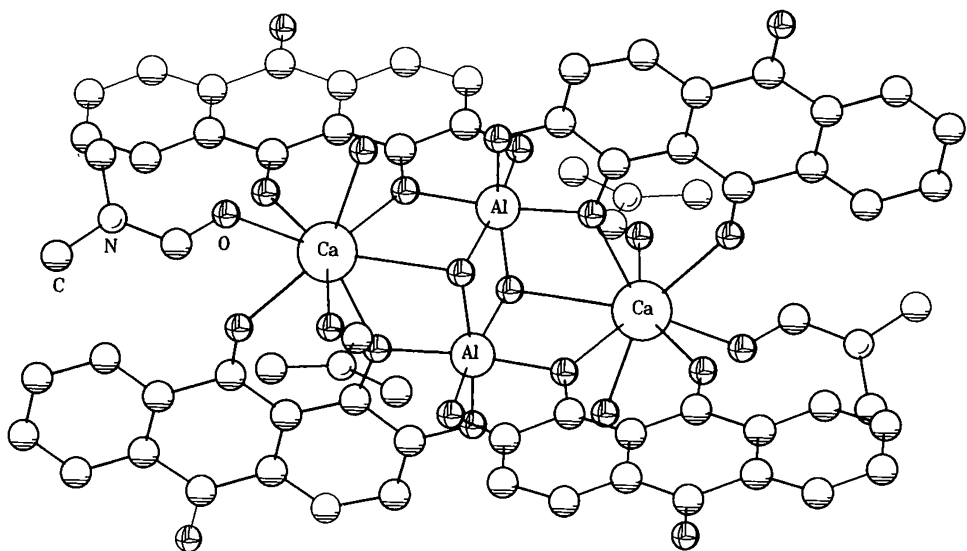


Crystal structure of di- μ -oxo-bis(bis(1,2-dihydroxyanthraquinonato)aluminium-(aquabis(dimethylformamide)calcium)), $\text{Al}_2\text{O}_4(\text{C}_{14}\text{H}_6\text{O}_4)_4\text{Ca}_2(\text{HCON}(\text{CH}_3)_2)_4(\text{H}_2\text{O})_2$, (alizarine complex)

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Source of material: see ref 1.

Synthesis and structure analogous to purpurine compound (see ref. 2). For electroneutrality disordered H-atoms may be present.

Triclinic, $P\bar{1}$ (No. 2), $a = 13.001(3) \text{ \AA}$, $b = 13.828(3) \text{ \AA}$, $c = 14.014(2) \text{ \AA}$,
 $\alpha = 64.08(1)^\circ$, $\beta = 71.93(2)^\circ$, $\gamma = 63.97(2)^\circ$, $V = 2014.1 \text{ \AA}^3$, $Z = 1$, $R = 0.087$.