

## Synthesis and crystal structure of europium(II) dihydrogen bis(sulfosalicylate) pentahydrate $[\text{Eu}(\text{C}_7\text{H}_5\text{O}_6\text{S})_2(\text{H}_2\text{O})_5]_{\infty}$ .

### Autorzy

Przemysław Starynowicz

### Rok wydania

2000

### Czasopismo

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### Numer woluminu

305

### Strony

117-120

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### Kolekcja

Naukowa

### Język

Angielski

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Artykuł

### Streszczenie

The crystals of the title compound are composed of a polymeric network composed of europium(II) cations, hydrogen sulfosalicylate (2-hydroxy-5-sulfonatobenzoate) anions and coordinated water molecules. The first coordination sphere of the metal cation is composed of two carboxylic oxygen atoms, two sulfonate ones and five water molecules. The simultaneous coordination of sulfosalicylate moiety through carboxylate and sulfonate groups results in a very long *b* axis.

### Słowa kluczowe

Insulation X-ray diffraction

### Adres publiczny

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