

Question # 76200, Chemistry / Inorganic Chemistry

Write the name of following complexes:  $(1) ((H_2O)_4 - Fe(OH)_2 - Fe(H_2O)_4)^{4+}$

**Answer**

$[Fe(OH)_2 \times Fe(H_2O)_4 \times (H_2O)_4]^{4+}$  - aqueous iron(III) hydroxy dimer (octaaquadihydroxoiron(III) ion)  
 $2[Fe(OH)(H_2O)_5]^{2+}$

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