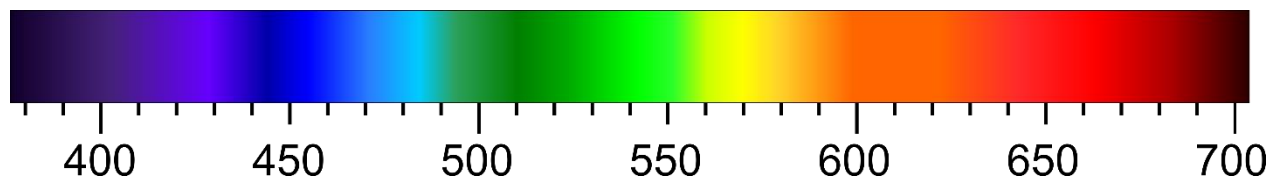
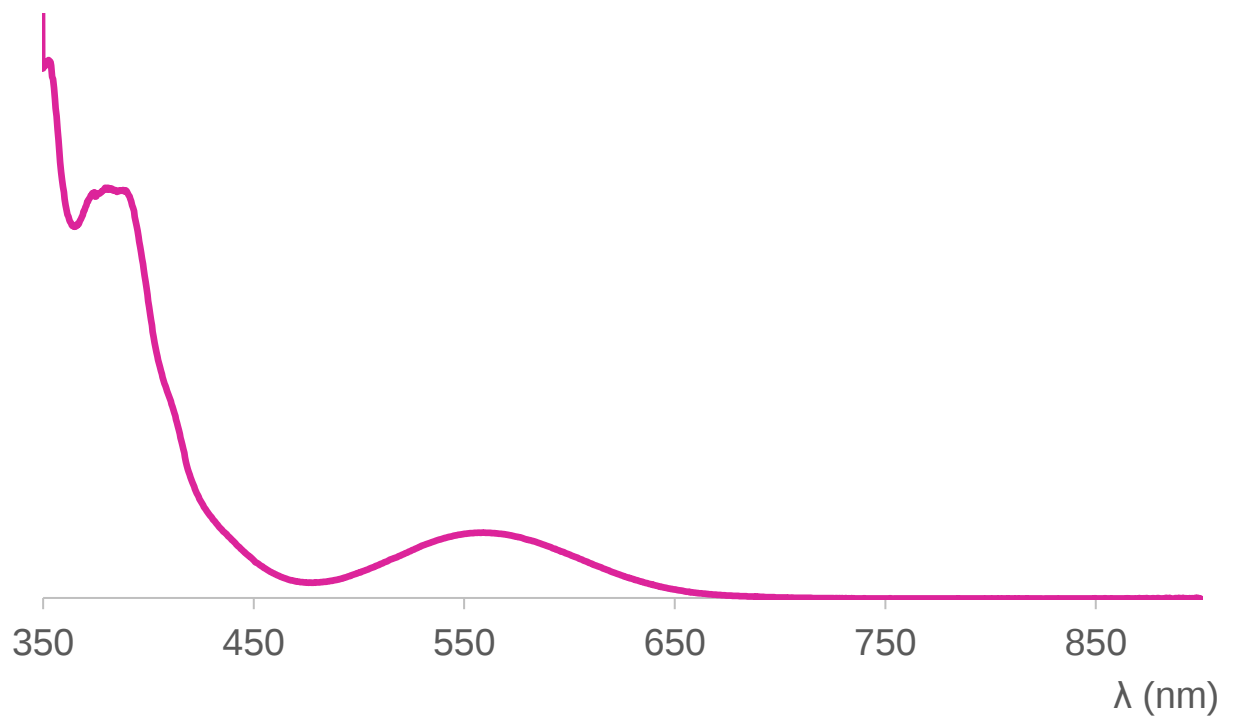
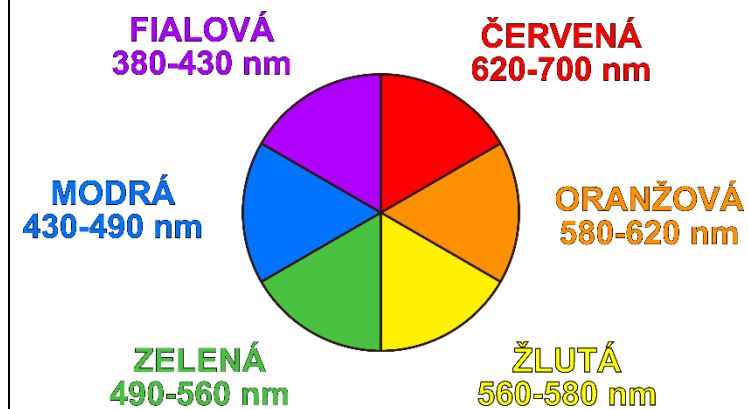


## Tris(acetylacetonato)chromitý komplex

UV/VIS spektrum



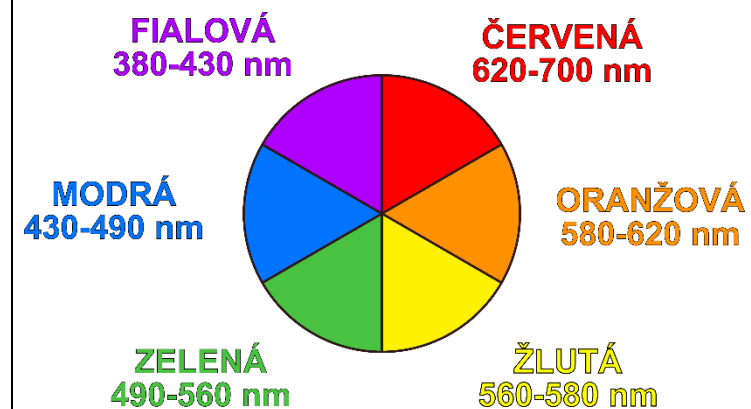
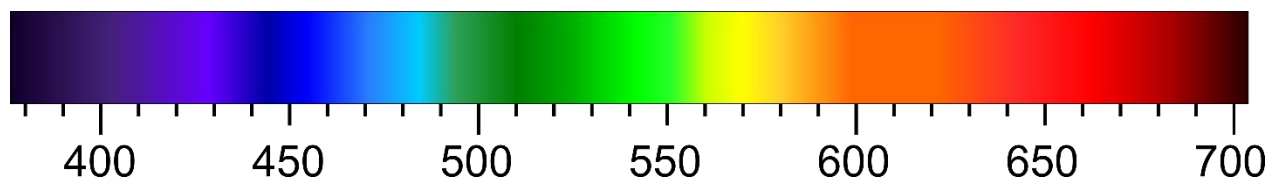
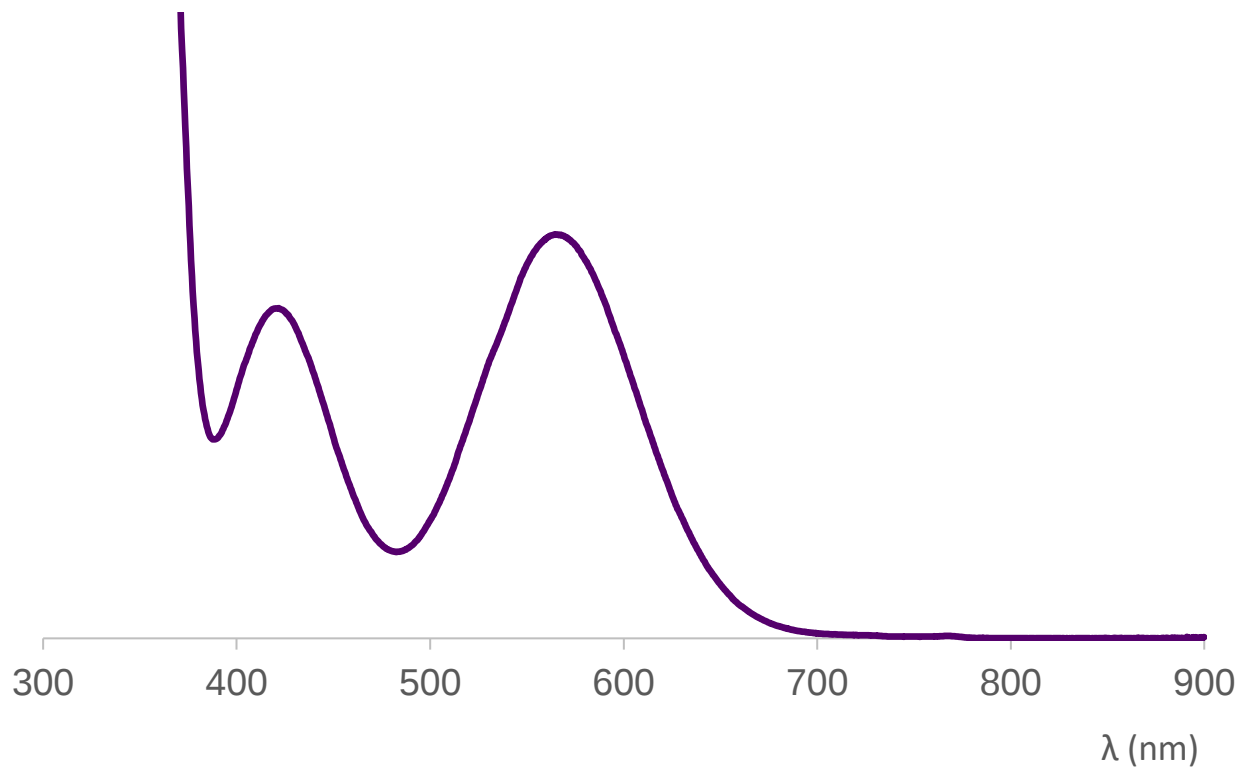
## [Cr(acac)<sub>3</sub>]



# Trihydrát hexaisothiokyanatochromitanu draselného

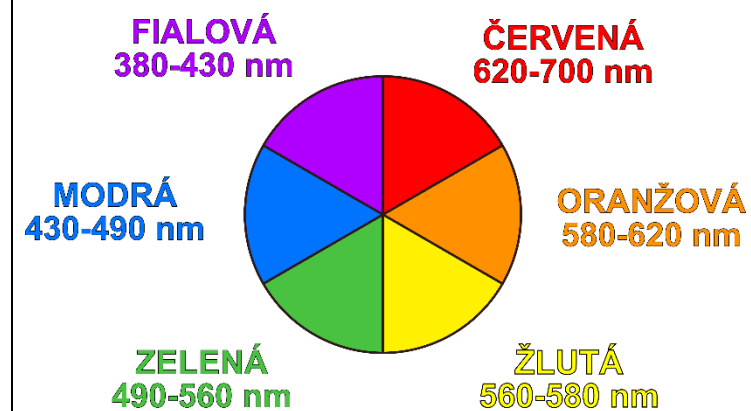
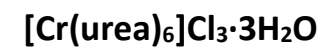
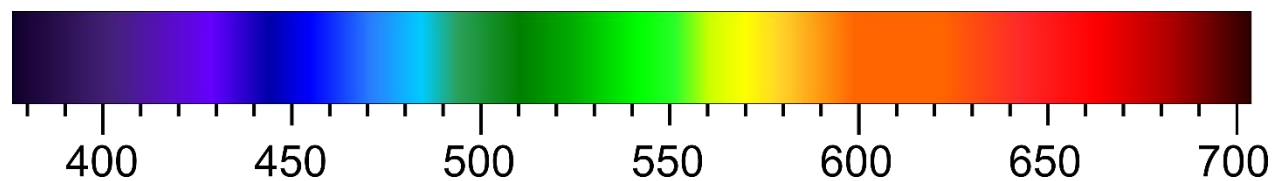
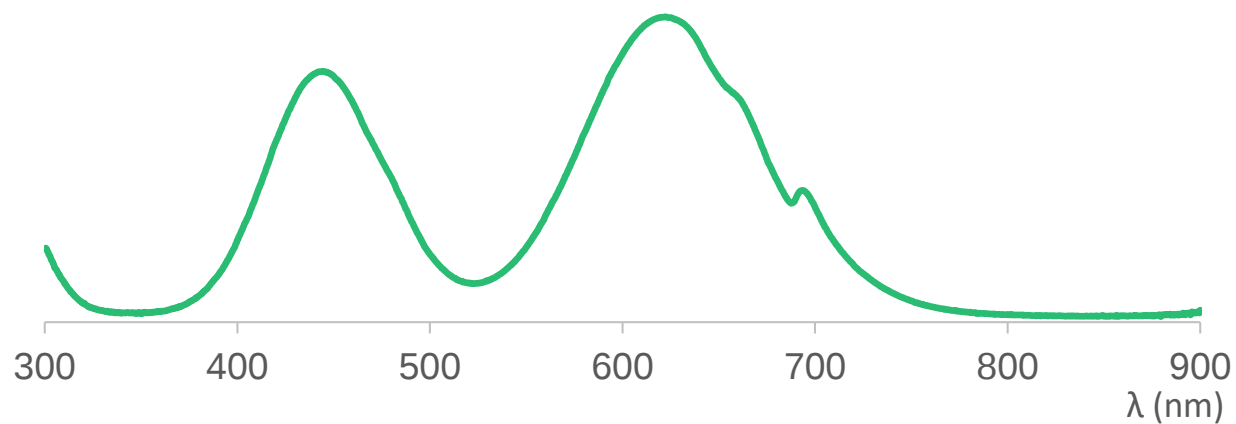


UV/VIS spektrum



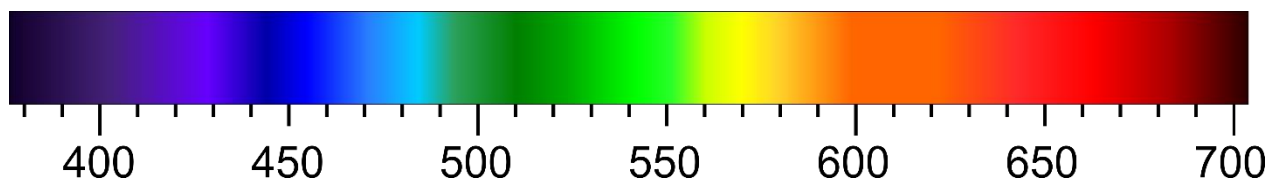
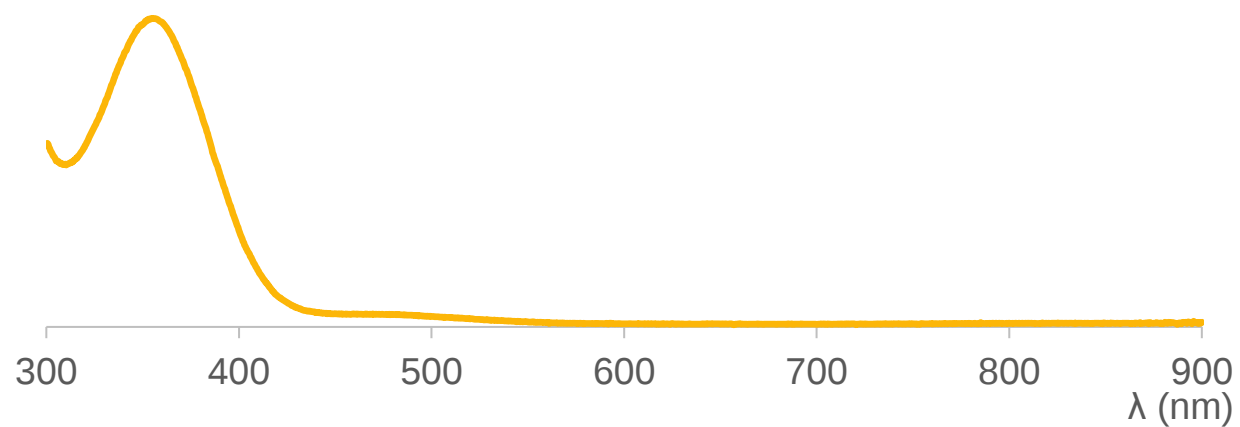
# **Trihydrát chloridu hexaureachromitého**

UV/VIS spektrum

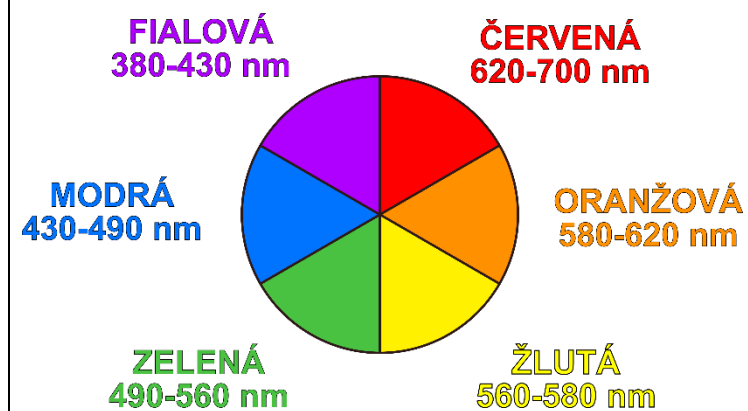


## Hexanitrochromitan sodný

UV/VIS spektrum



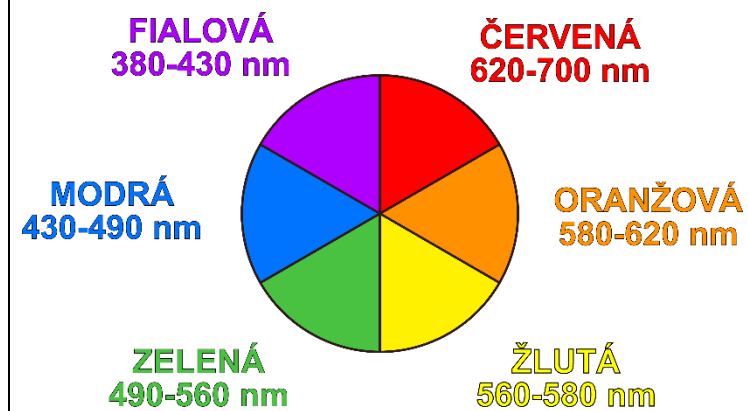
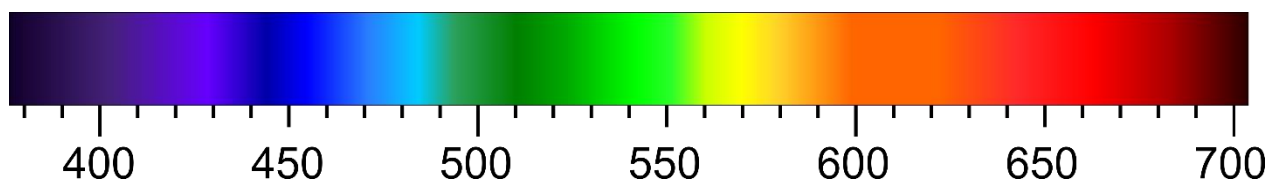
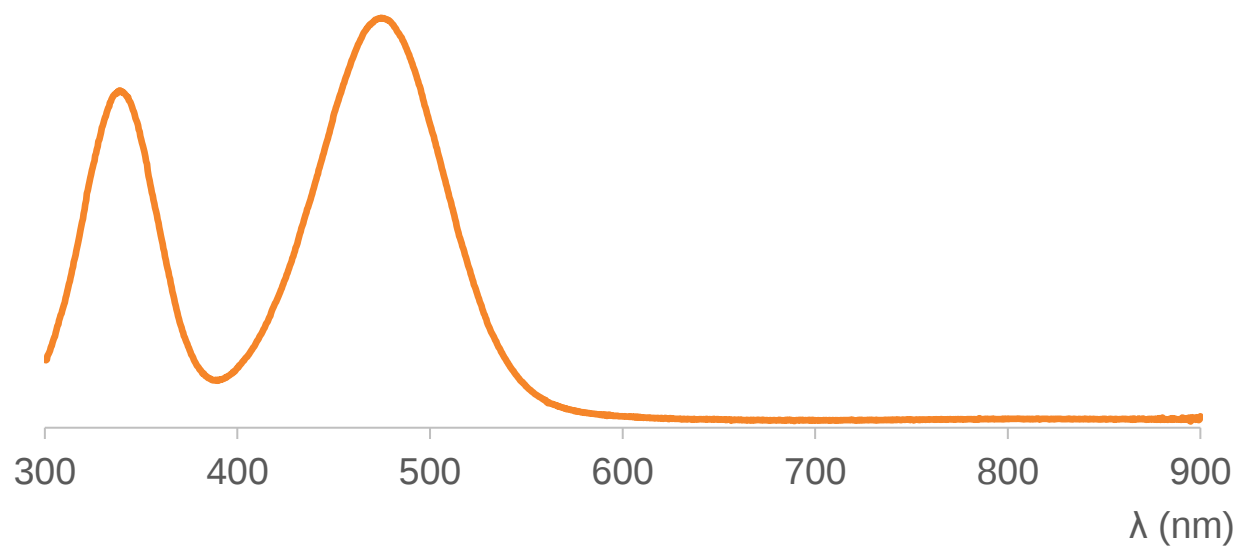
## $\text{Na}_3[\text{Co}(\text{NO}_2)_6]$



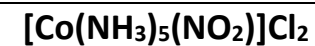
## Chlorid hexaamminkobaltitý



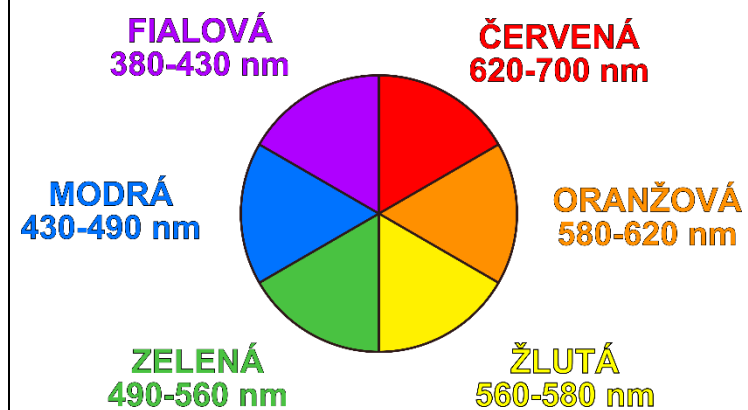
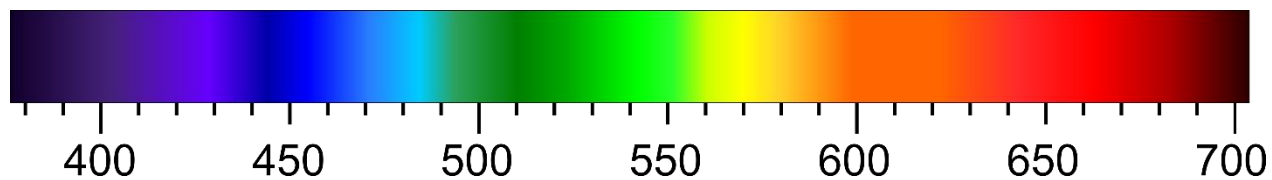
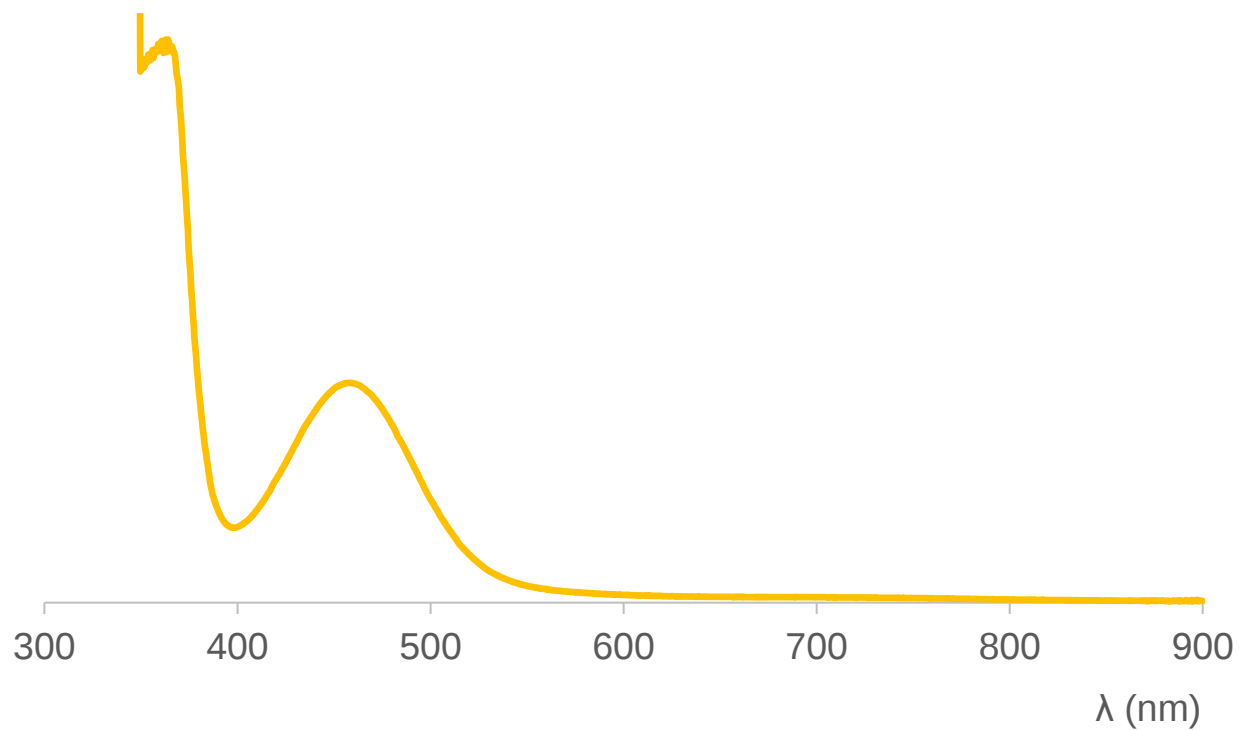
UV/VIS spektrum



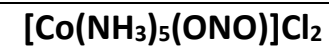
# Chlorid pentaammininitrokobaltitý



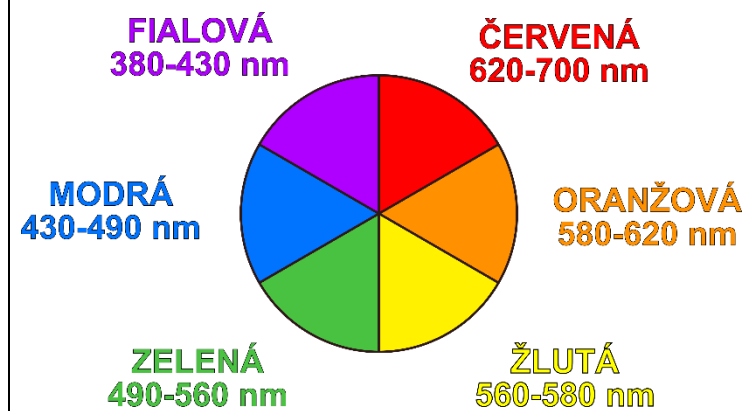
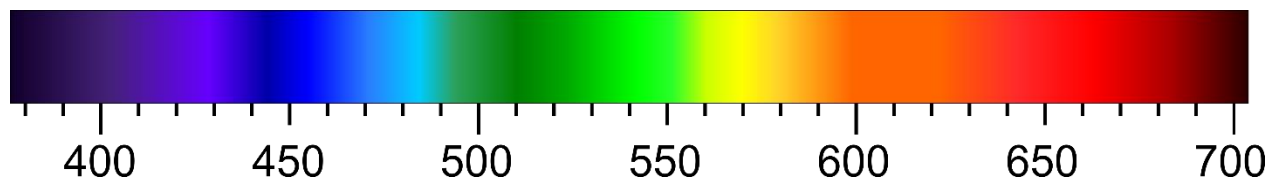
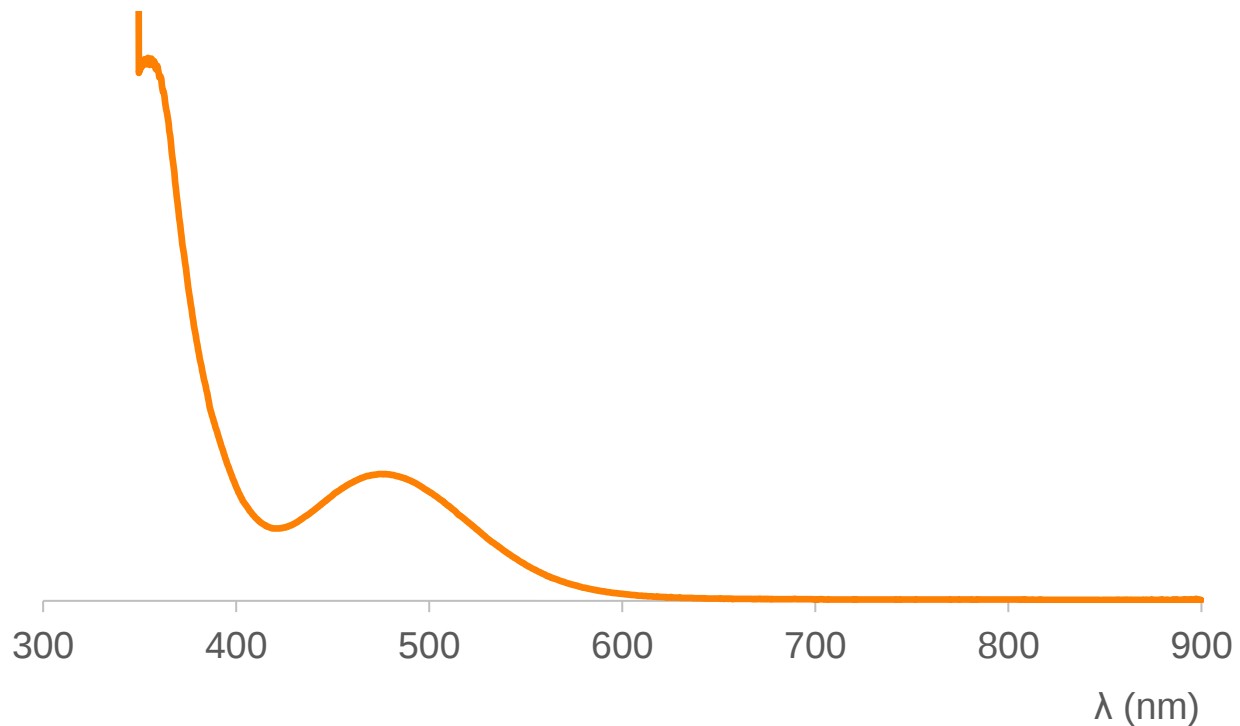
UV/VIS spektrum



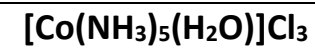
# Chlorid pentaammínnitritokobaltitý



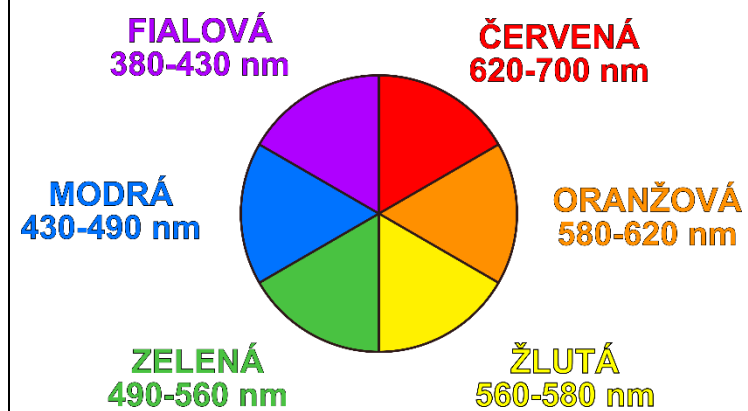
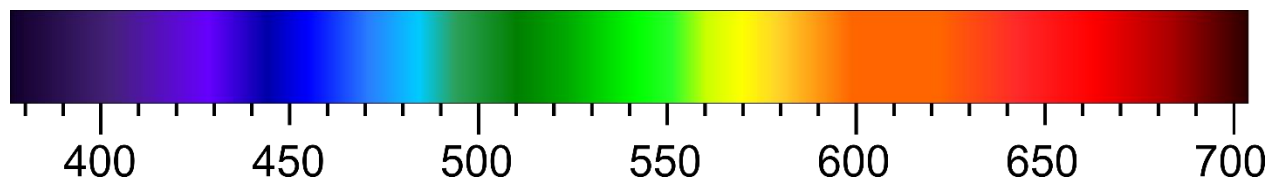
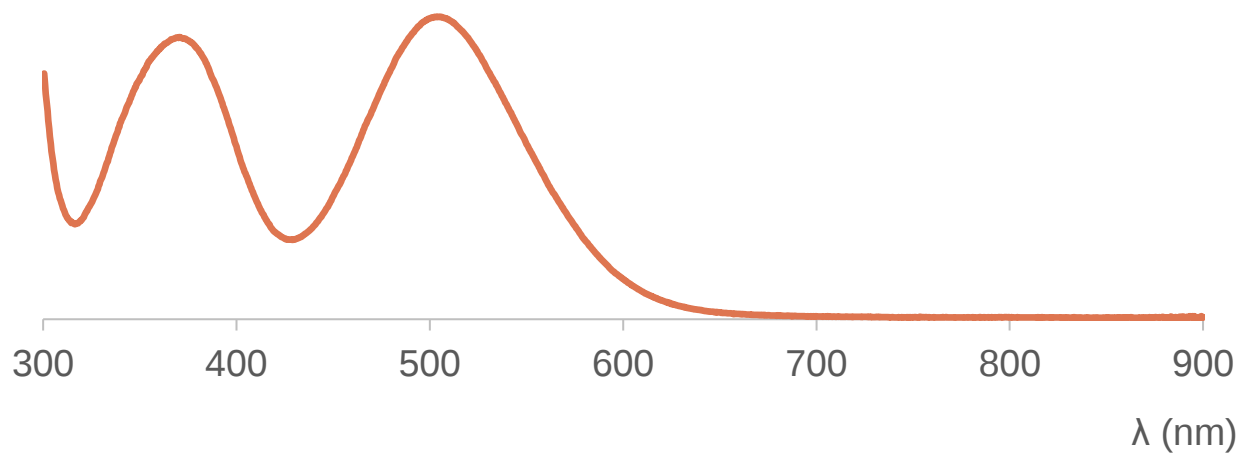
UV/VIS spektrum



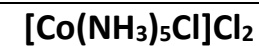
# Chlorid pentaamminaquakobaltitý



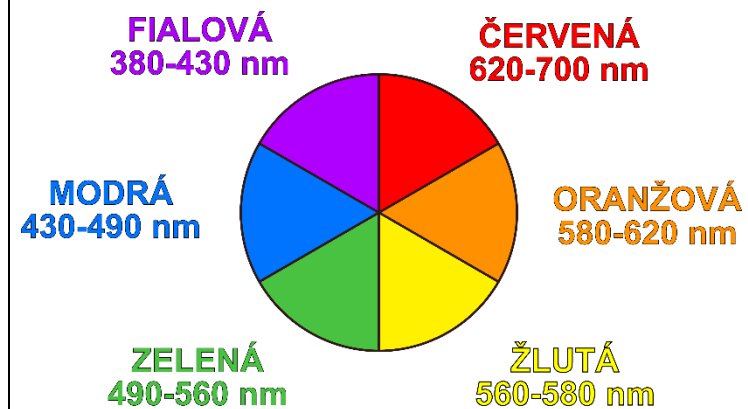
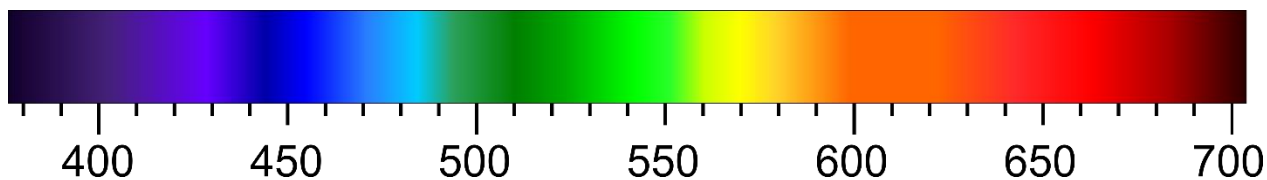
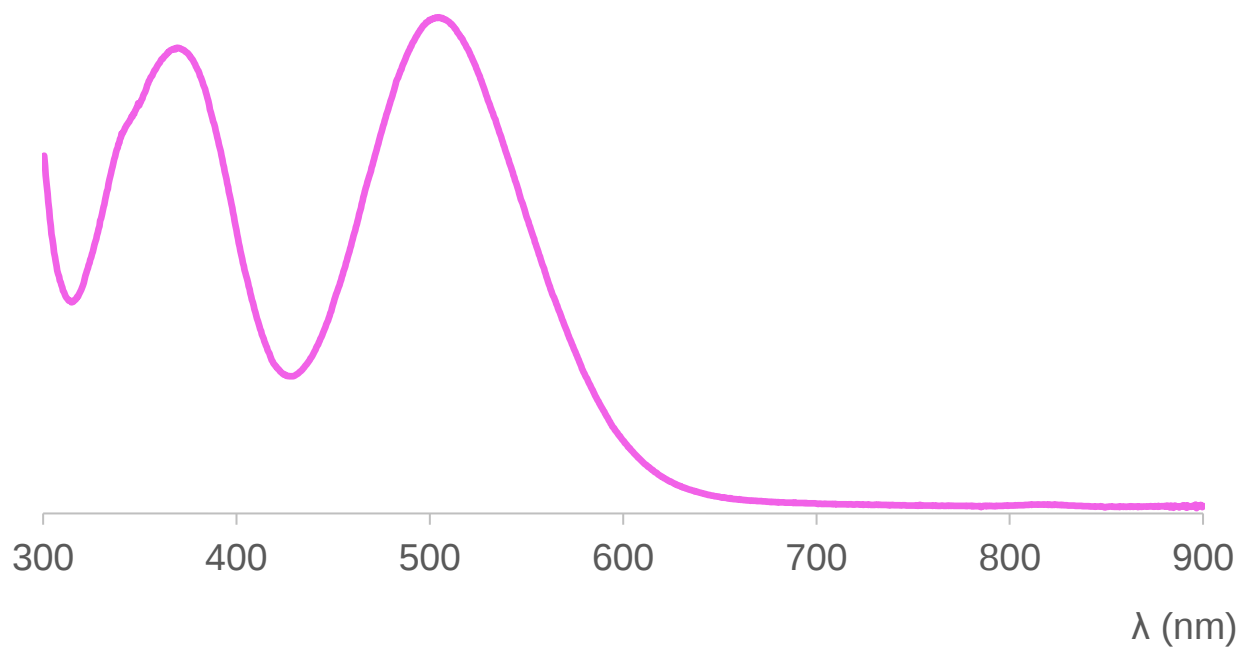
UV/VIS spektrum



# Chlorid pentaamminchloridokobaltitý

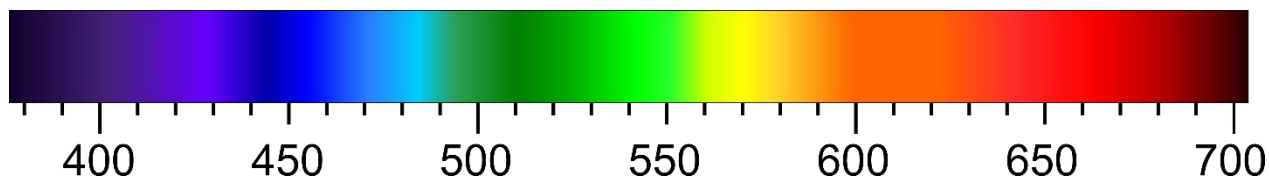
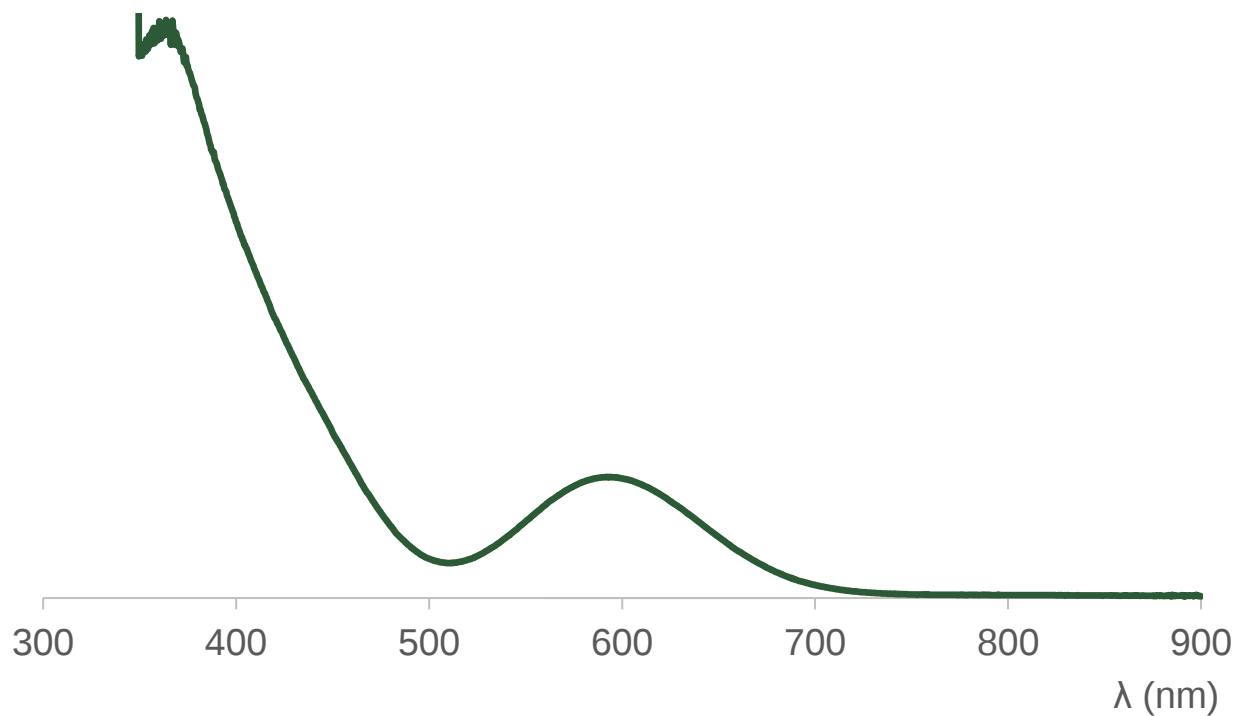


UV/VIS spektrum

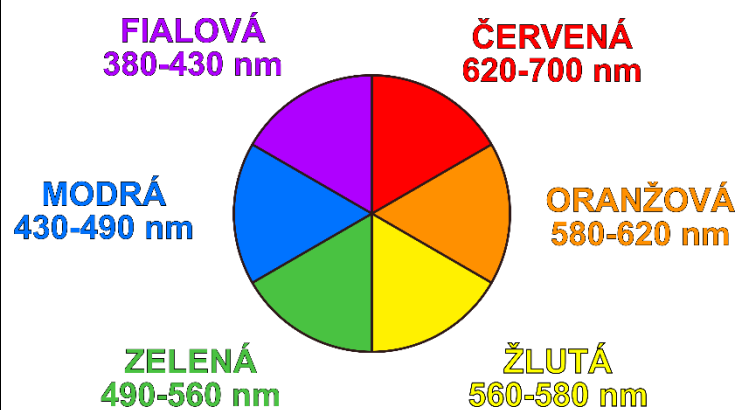


# Tris(acetylacetonato)kobaltitý komplex

UV/VIS spektrum



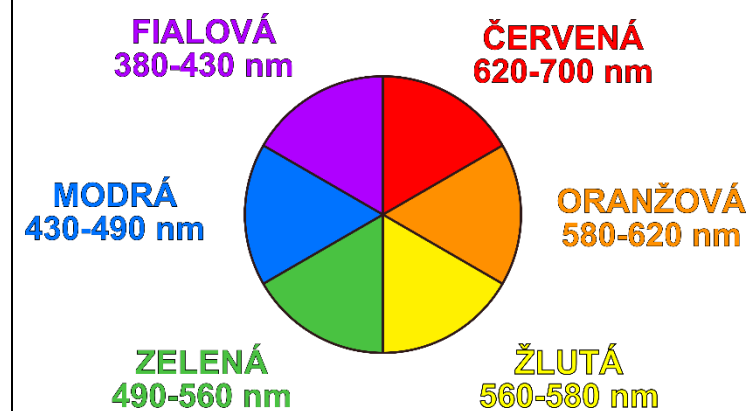
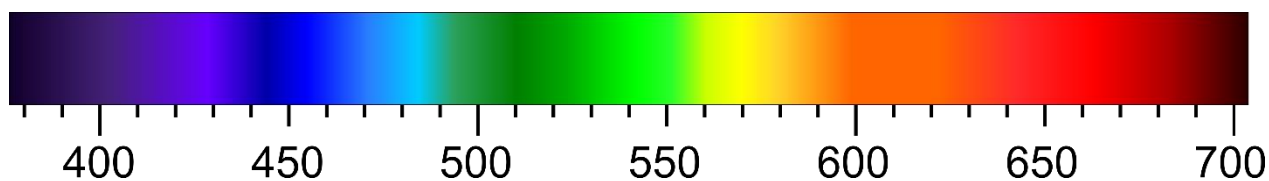
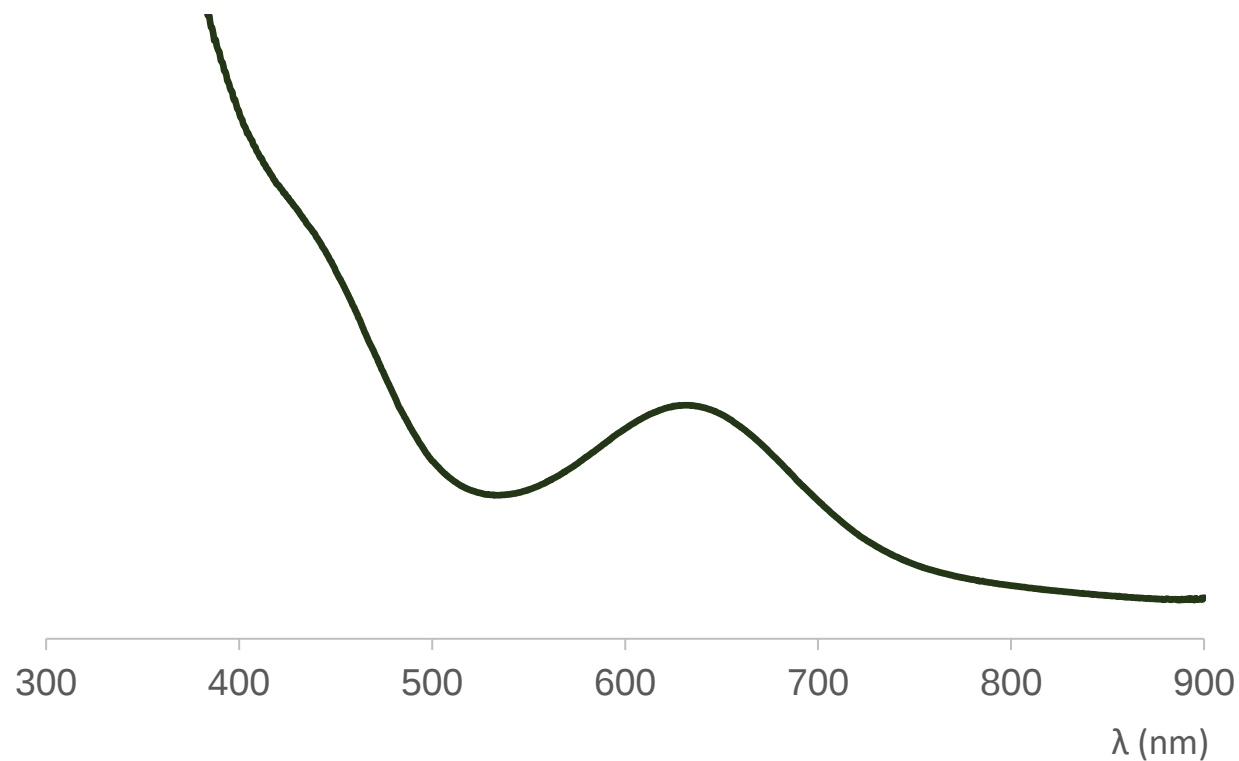
## [Co(acac)<sub>3</sub>]



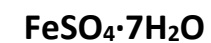
# Trihydrát tris(karbonato)kobaltitanu sodného



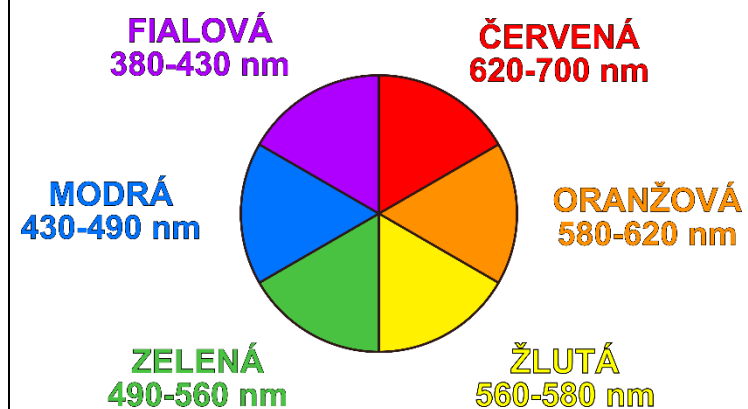
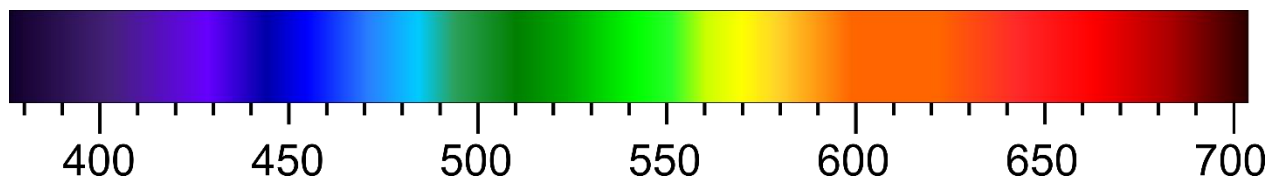
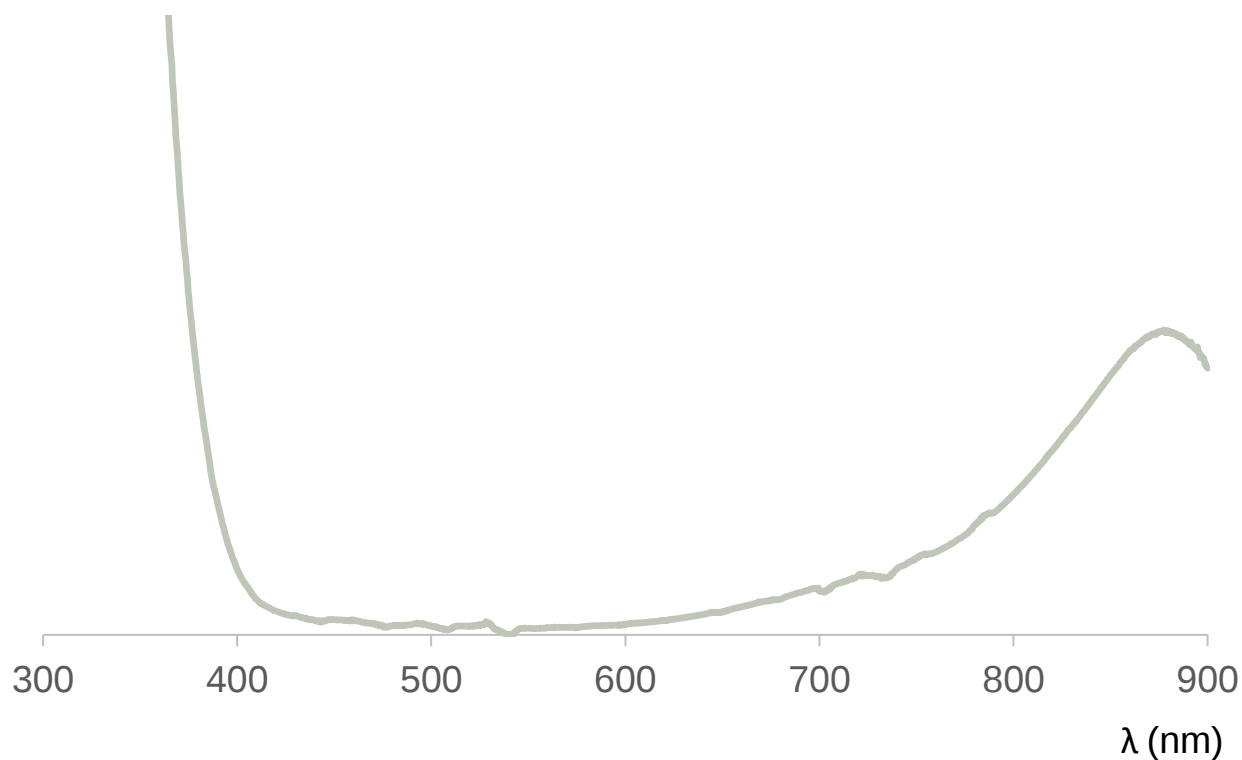
UV/VIS spektrum



## Heptahydrát síranu železnatého

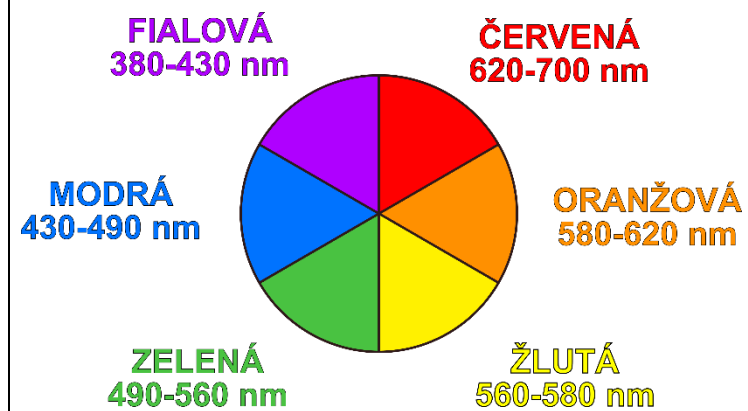
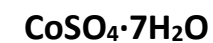
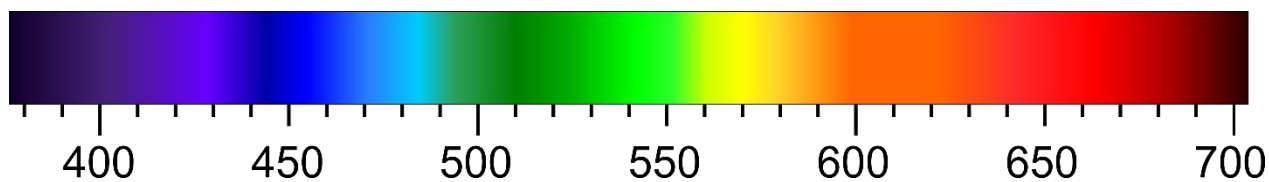
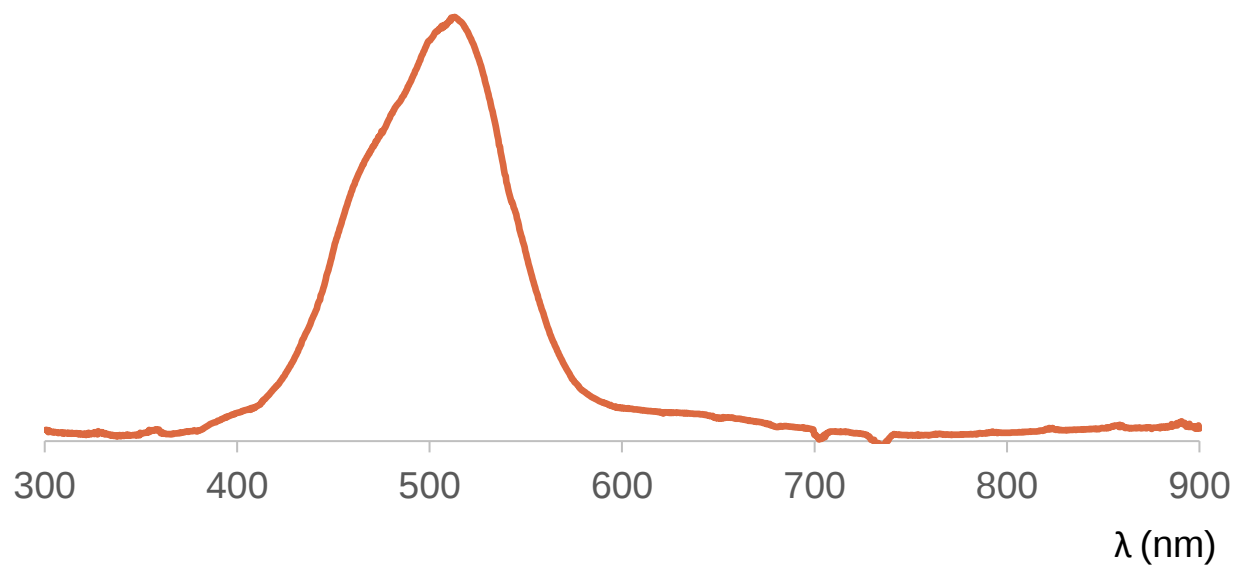


UV/VIS spektrum



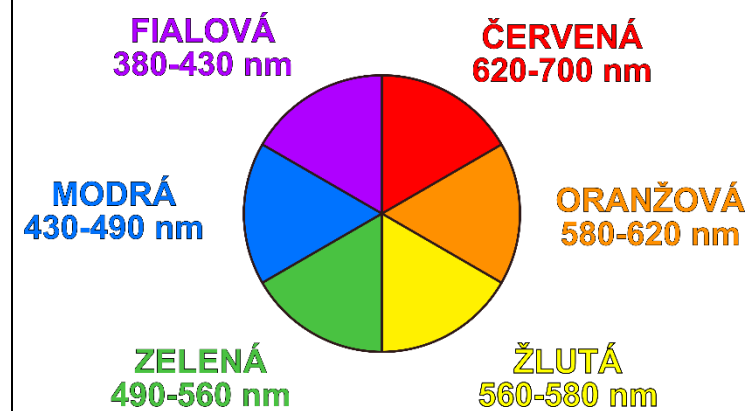
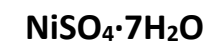
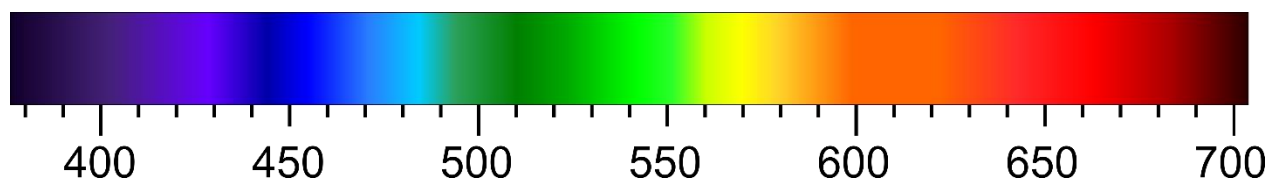
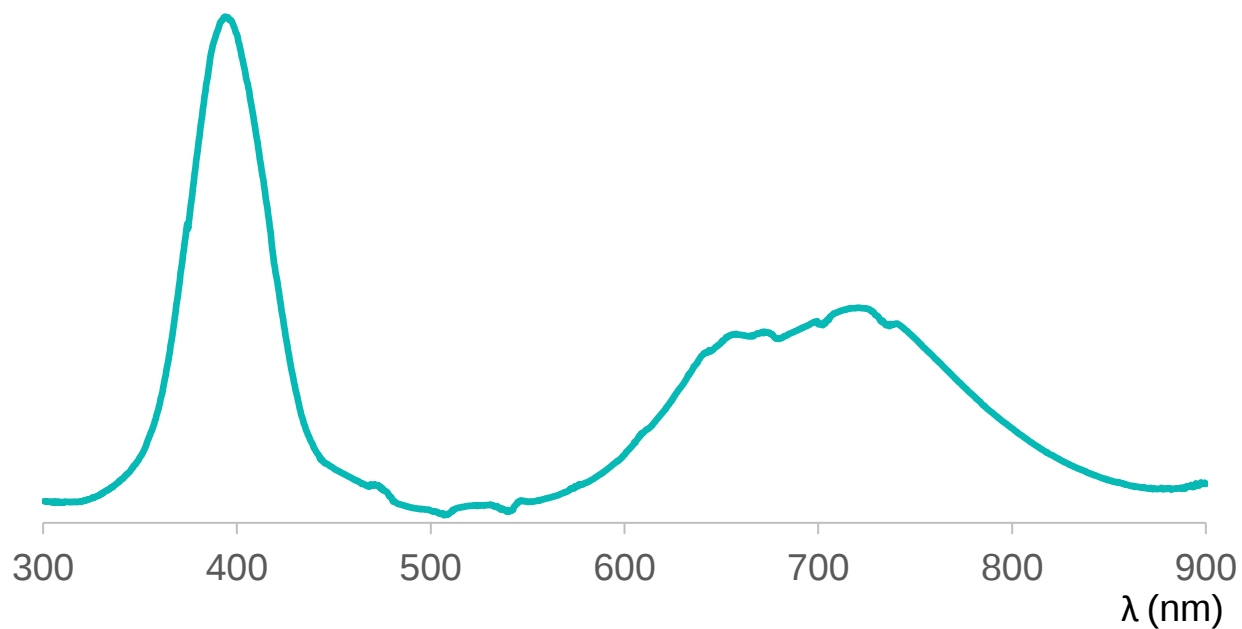
## Heptahydrát síranu kobaltnatého

UV/VIS spektrum

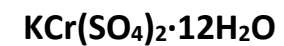


## Heptahydrát síranu nikelnatého

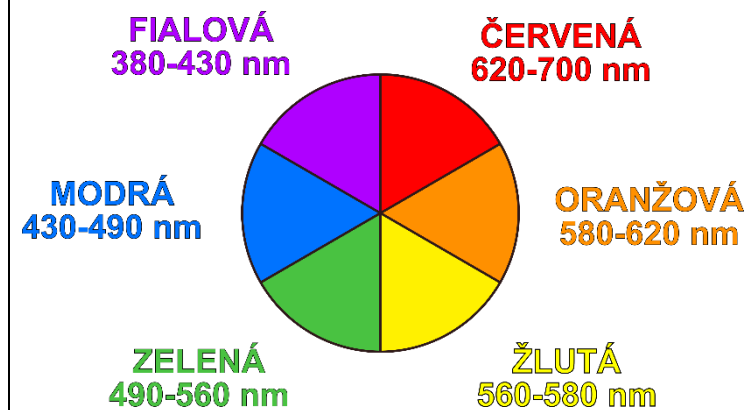
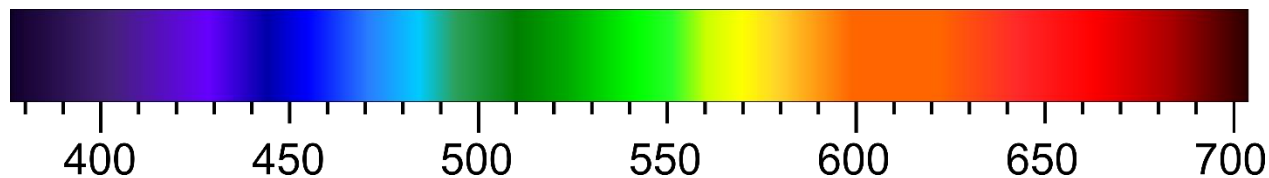
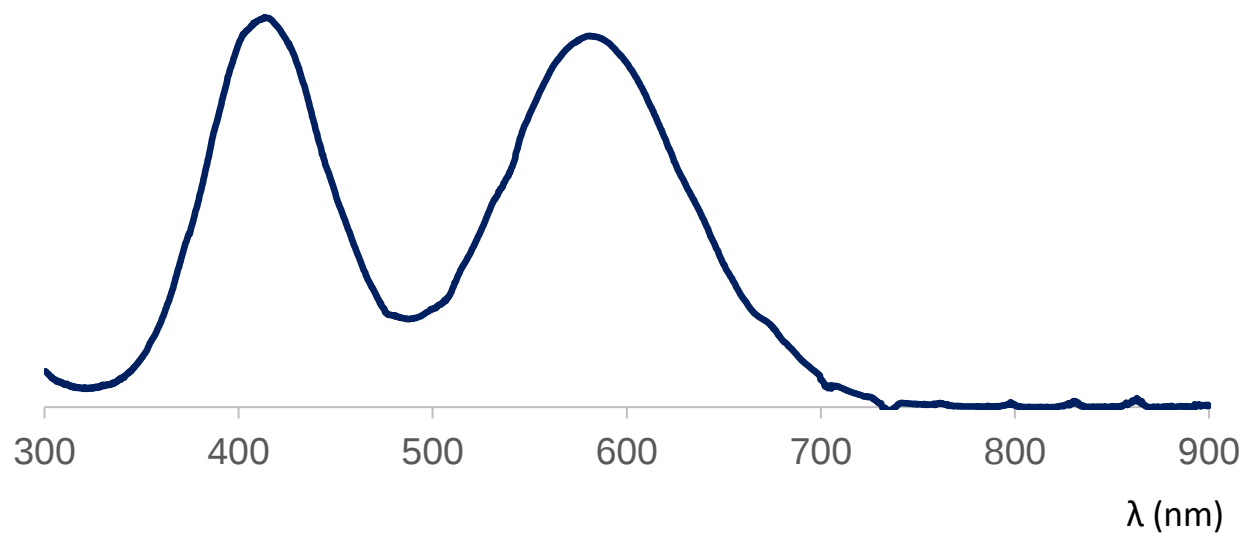
UV/VIS spektrum



## Dodekahydrát síranu draselno-chromitého

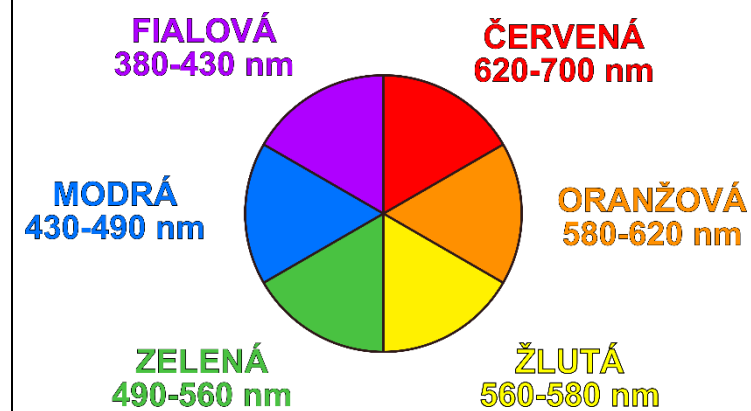
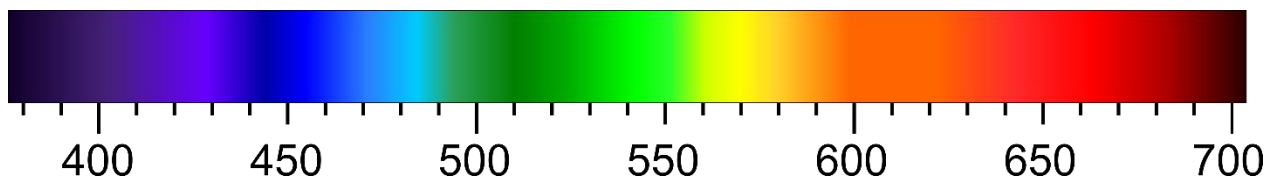
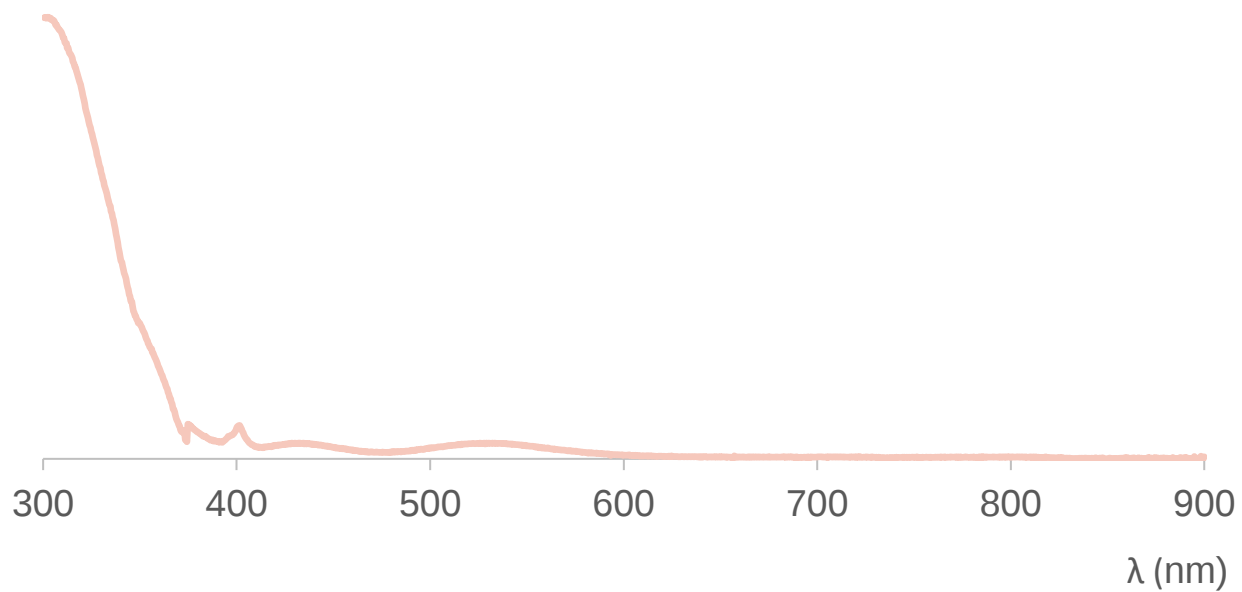


UV/VIS spektrum

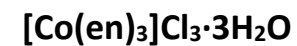


## Hexahydrát síranu draselno-manganatého

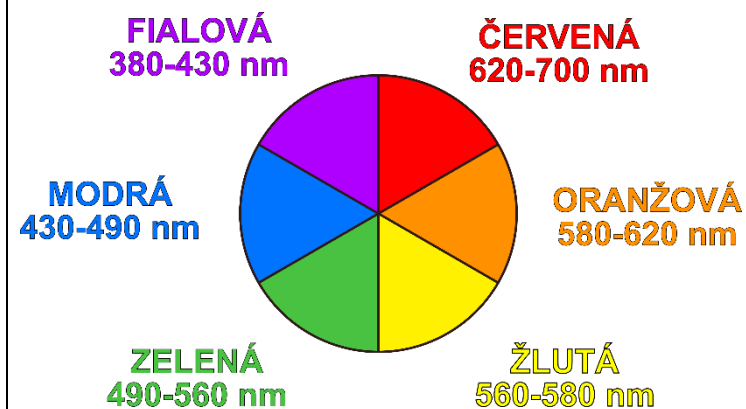
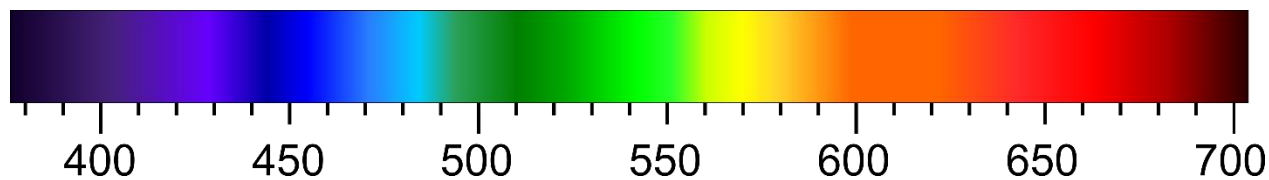
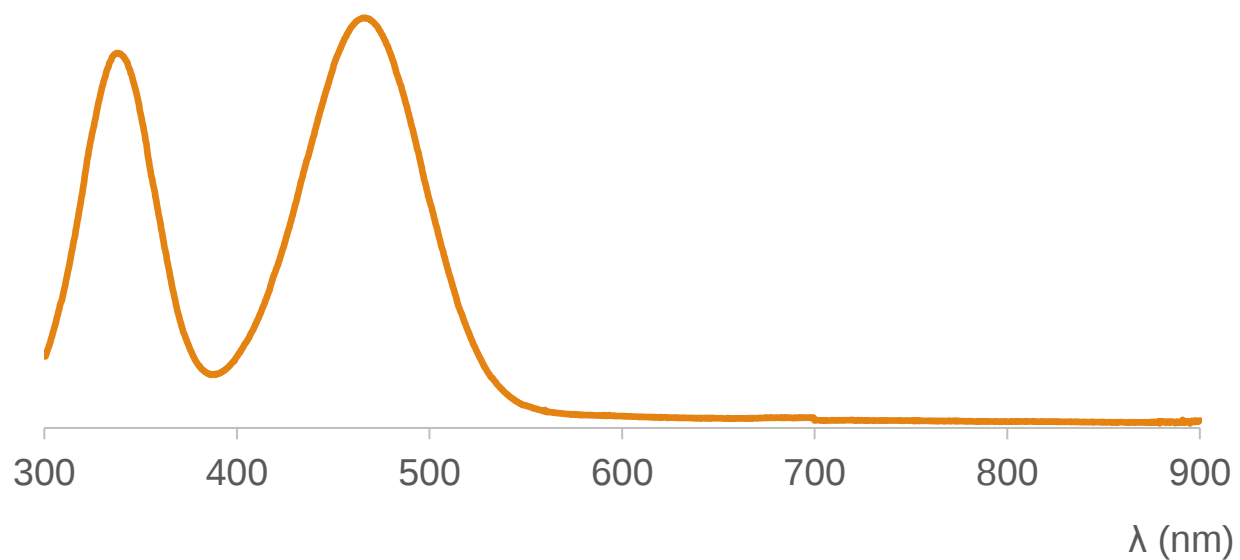
UV/VIS spektrum



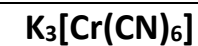
# Trihydrát chloridu tris(ethylendiamin)kobaltitého



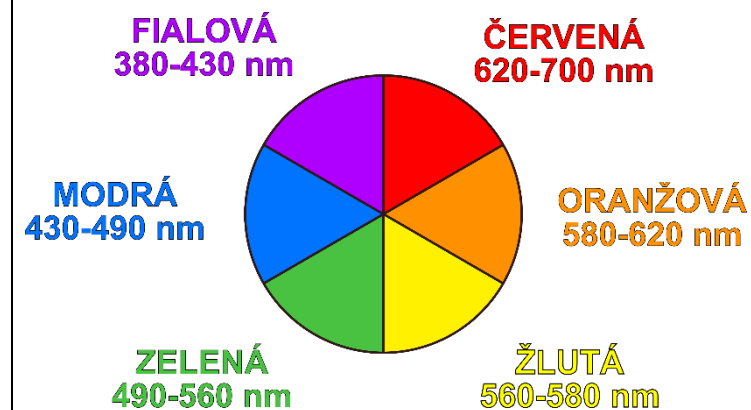
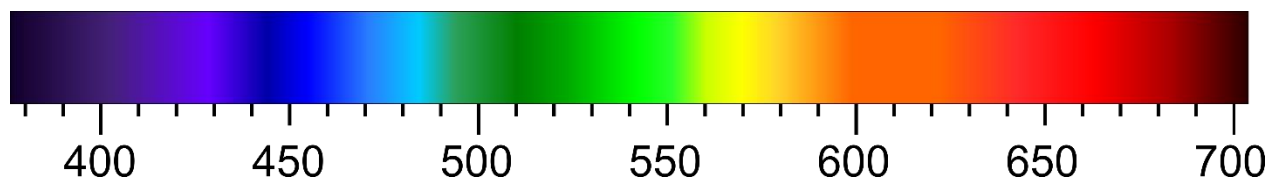
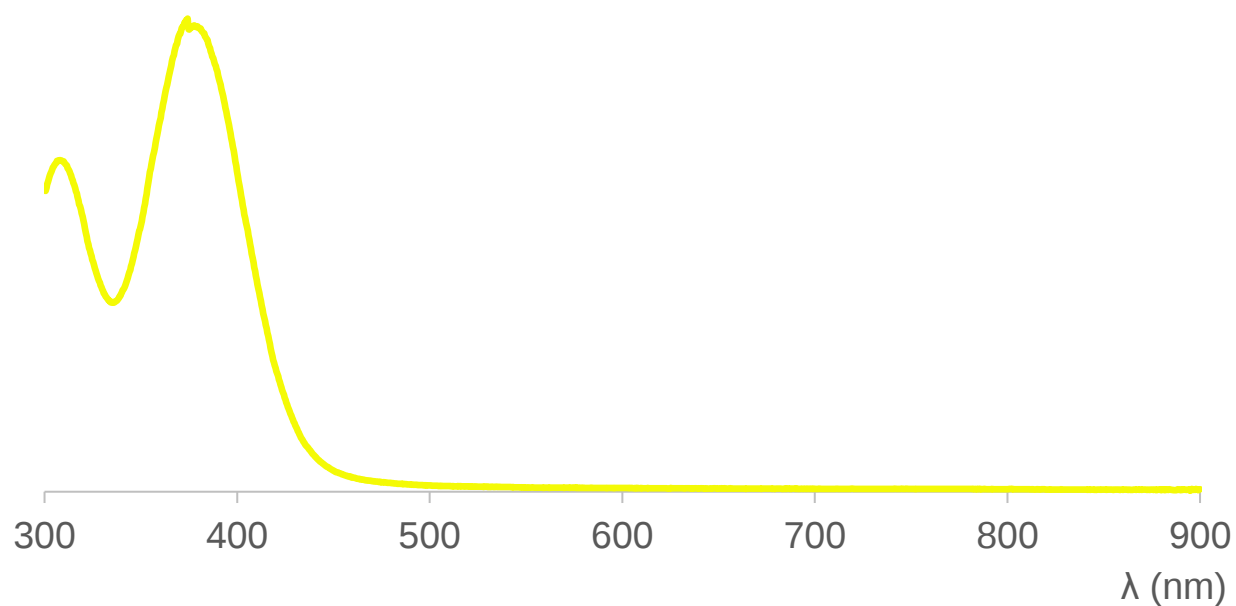
UV/VIS spektrum



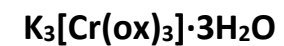
## Hexakyanidochromitan draselný



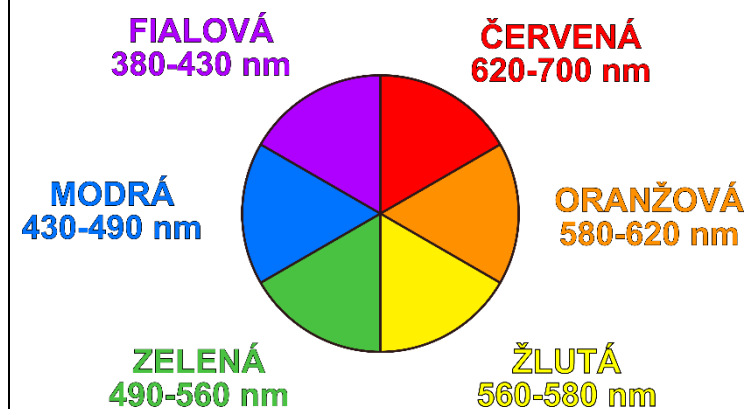
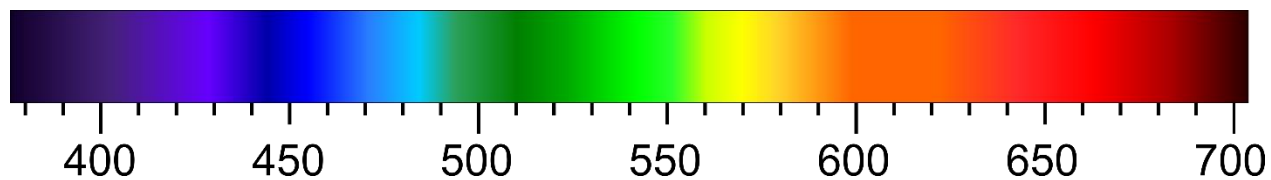
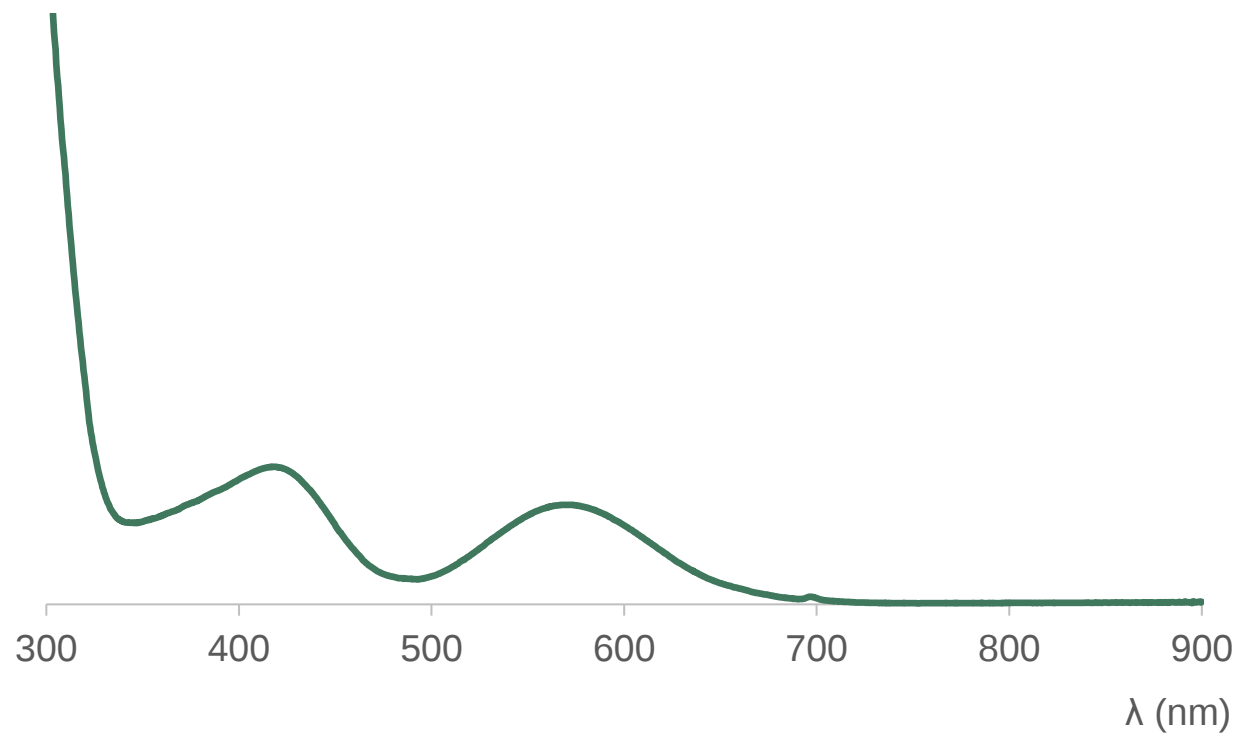
UV/VIS spektrum



# Trihydrát tris(oxalato)chromitanu draselného



UV/VIS spektrum





1A

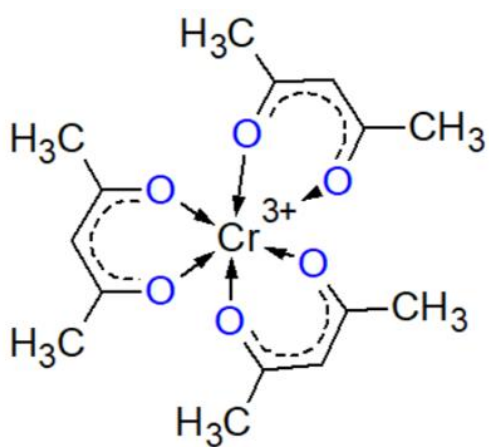


Tris(acetylacetato)chromitý  
komplex

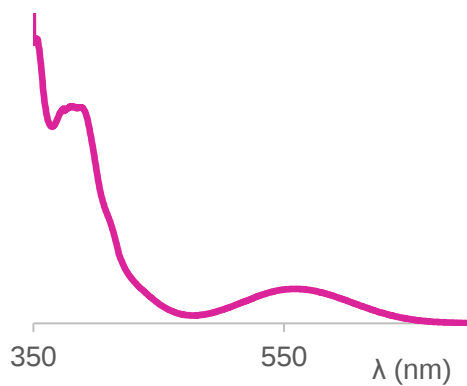
1B



1C

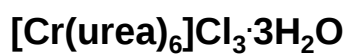


1D





2A

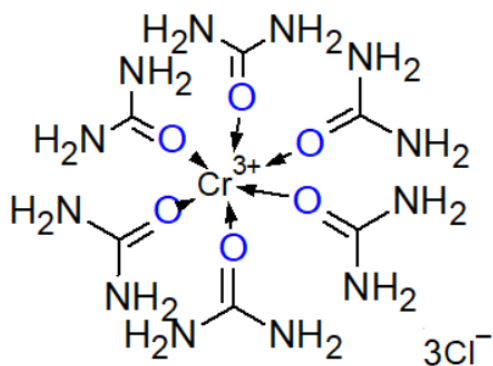


**Trihydrát chloridu  
hexaureachromitého**

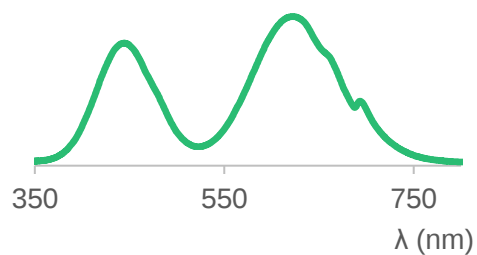
2B



2C



2D





3A

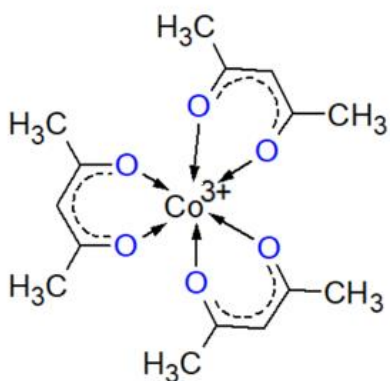


Tris(acetylacetato)kobaltitý  
komplex

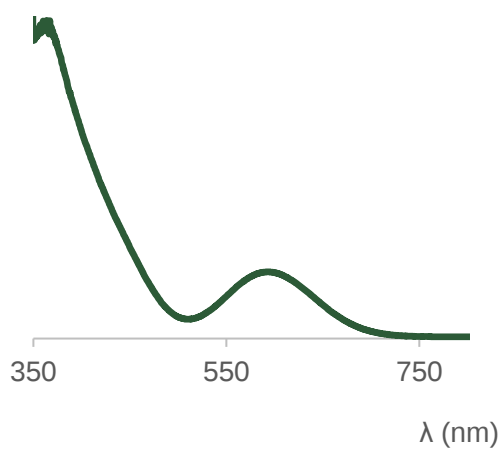
3B



3C

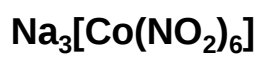


3D





4A

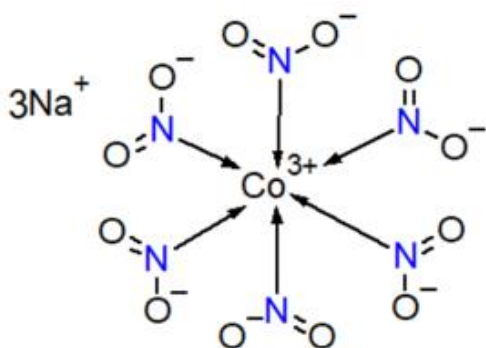


Hexanitrokobaltitan sodný

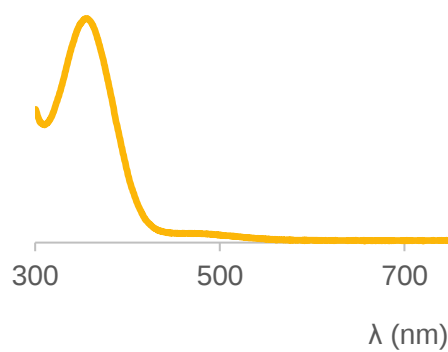
4B



4C



4D





5A

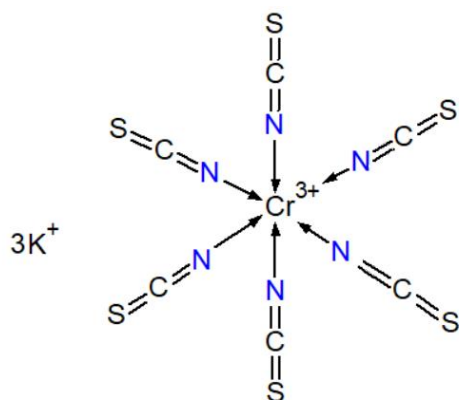


**Trihydrát  
hexaisothiokyanatochromitanu  
draselného**

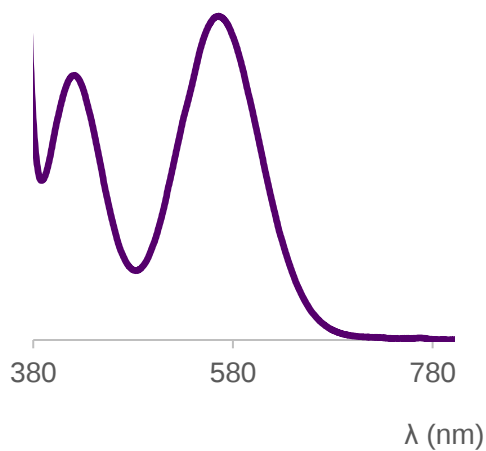
5B



5C

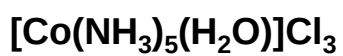


5D





6A

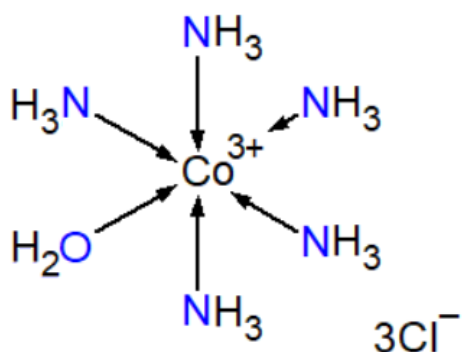


Chlorid  
pentaamminaquakobaltity

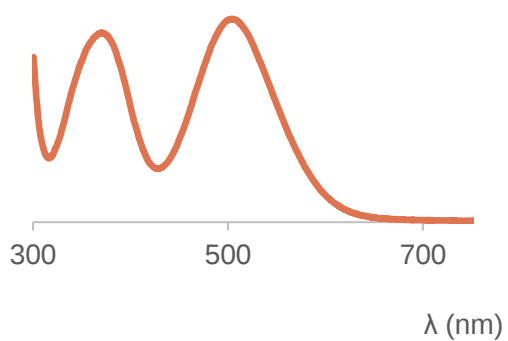
6B



6C

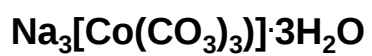


6D





7A

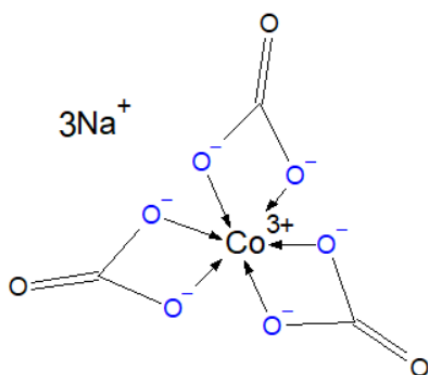


**Trihydrát  
tris(karbonato)kobaltitanu  
sodného**

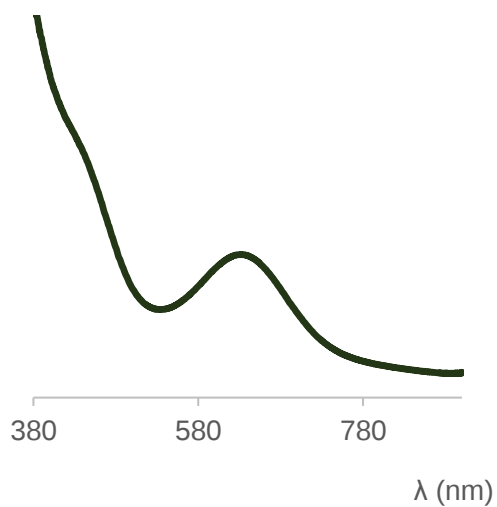
7B



7C

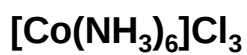


7D





8A

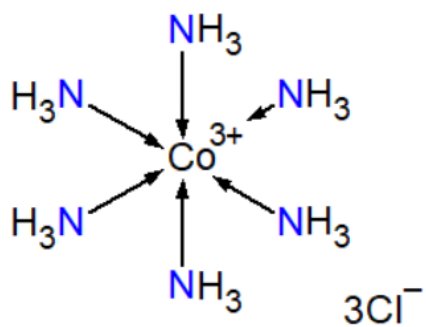


Chlorid  
hexaamminkobaltitý

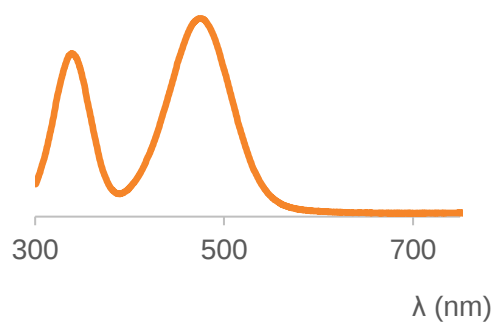
8B



8C



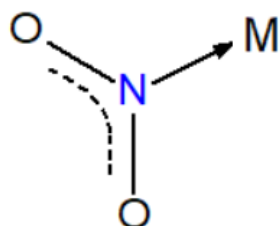
8D



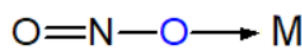


## Izomerní formy $[\text{Co}(\text{NH}_3)_5(\text{NO}_2)]\text{Cl}_2$

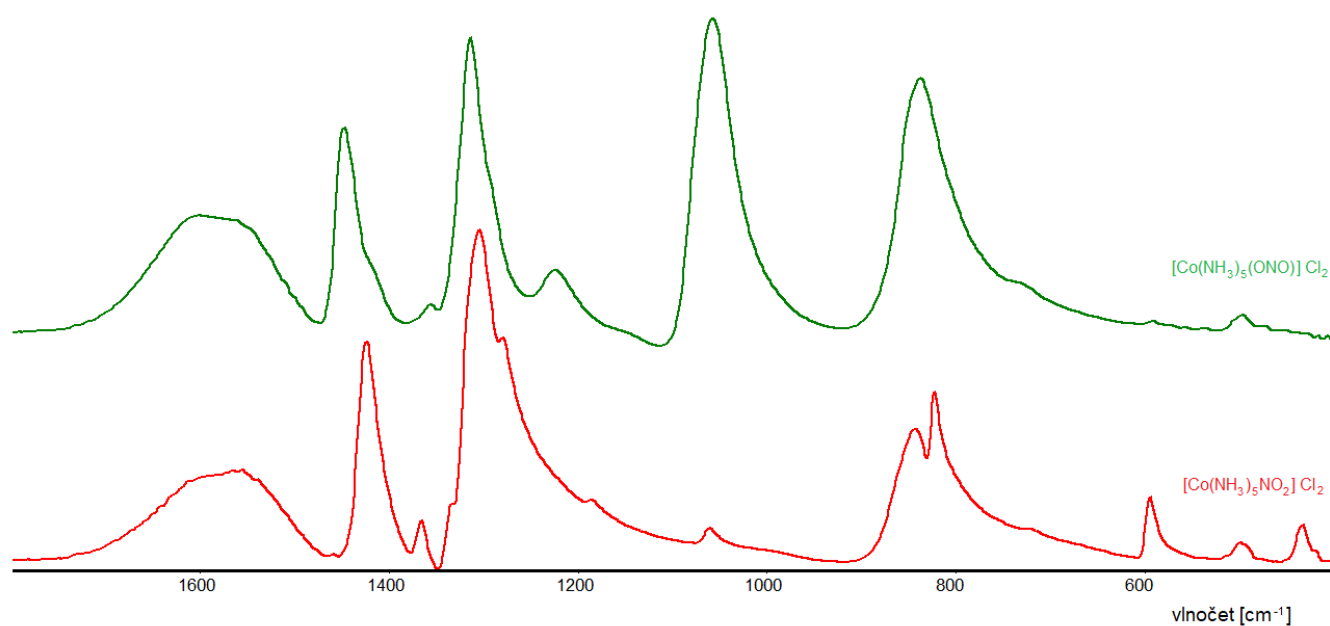
nitro skupina  
( $\text{NO}_2$ )



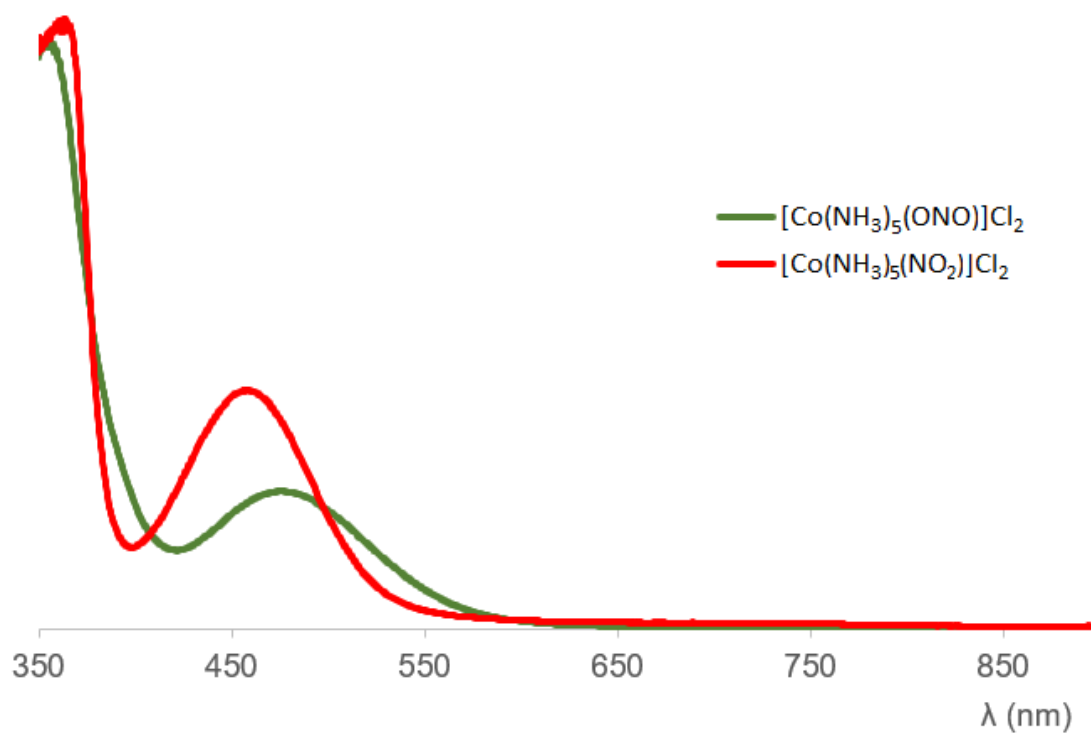
nitrito skupina  
( $\text{ONO}$ )

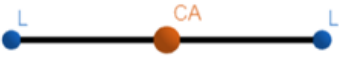
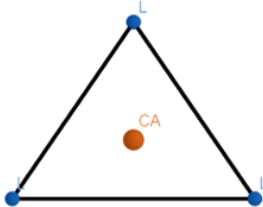
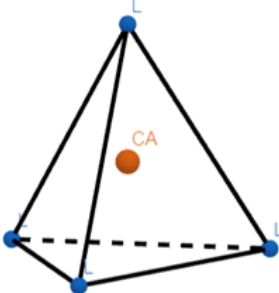
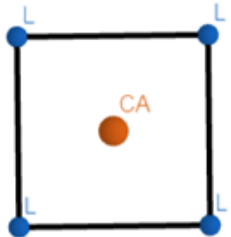
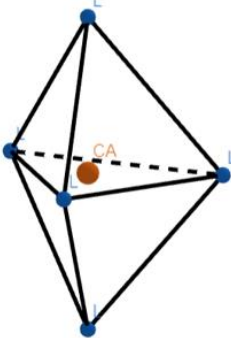
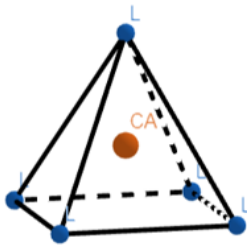
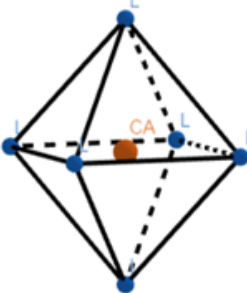
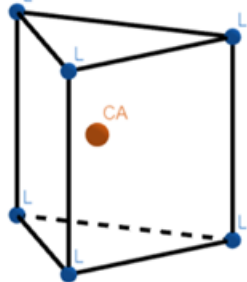
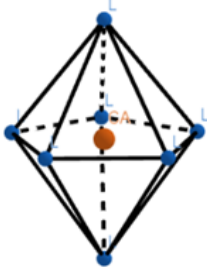
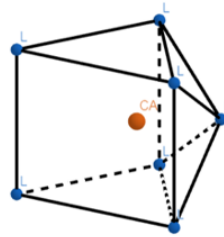
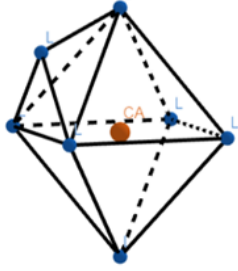


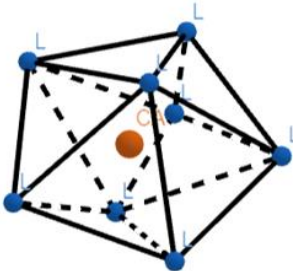
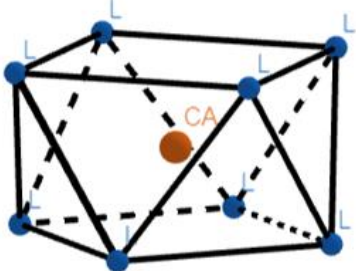
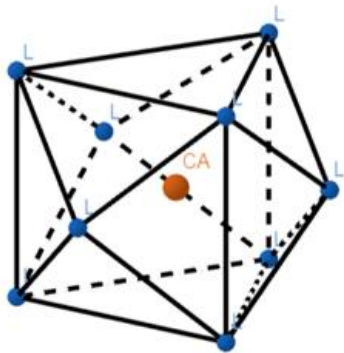
Infračervená spektra



UV/VIS spektra



| Koordinační číslo | Sloučenina                                                                                                                                   | Tvar koordinačního polyedru                                                                                       |                                                                                                                                         |                                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 2                 | $[\text{CuCl}_2]^-$ , $[\text{Ag}(\text{NH}_3)_2]^+$ ,<br>$[\text{Au}(\text{CN})_2]^-$ ,<br>$[\text{Hg}(\text{CN})_2]^-$                     | Lineární<br>                    |                                                                                                                                         |                                                                                                                                |
| 3                 | $[\text{HgI}_3]^-$ , $[\text{Cu}(\text{CN})_3]^{2-}$                                                                                         | Rovnostranný trojúhelník<br>    |                                                                                                                                         |                                                                                                                                |
| 4                 | A: $[\text{Ni}(\text{CO})_4]$ , $[\text{BF}_4]^-$ ,<br>$[\text{Cu}(\text{py})_4]^+$<br>B: $(\text{NH}_4)_2[\text{CuCl}_4]$                   | A: tetraedr<br>                  | B: čtverec<br>                                       |                                                                                                                                |
|                   |                                                                                                                                              |                                                                                                                   |                                                                                                                                         |                                                                                                                                |
| 5                 | A: $[\text{Fe}(\text{CO})_5]$ ,<br>$[\text{HgCl}_5]^{3-}$<br>B: $[\text{MnCl}_5]^{2-}$                                                       | A: trigonální bipyramida<br>    | B: čtvercová pyramida<br>                          |                                                                                                                                |
|                   |                                                                                                                                              |                                                                                                                   |                                                                                                                                         |                                                                                                                                |
| 6                 | A: $[\text{Fe}(\text{CN})_6]^{4-}$ ,<br>$[\text{Co}(\text{NH}_3)_6]^{2+}$ ,<br>$[\text{Ti}(\text{H}_2\text{O})_6]^{3+}$<br>B: $\text{MoS}_6$ | A: oktaedr<br>                 | B: trigonální prizma<br>                           |                                                                                                                                |
|                   |                                                                                                                                              |                                                                                                                   |                                                                                                                                         |                                                                                                                                |
| 7                 | A: $[\text{ZrF}_7]^{3-}$ ,<br>$[\text{Mo}(\text{CN})_7]^{5-}$<br>B: $[\text{NbF}_7]^{2-}$<br>C: $[\text{NbF}_6\text{O}]$                     | A: pentagonální bipyramida<br> | B: trigonální prizma s jedním přidaným vrcholem<br> | C: oktaedr s jedním přidaným vrcholem<br> |
|                   |                                                                                                                                              |                                                                                                                   |                                                                                                                                         |                                                                                                                                |
|                   |                                                                                                                                              |                                                                                                                   |                                                                                                                                         |                                                                                                                                |

|   |                                                                  |                                                                                                                                   |                                                                                     |
|---|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 8 | A: $[\text{ZrF}_8]^{4-}$                                         | A: dodekaedr                                                                                                                      | B: tetragonální antiprзма                                                           |
|   | B: $[\text{TaF}_8]^{3-}$ , $[\text{ReF}_8]^{2-}$                 |                                                  |  |
| 9 | $[\text{La}(\text{H}_2\text{O})_9]^{3+}$ , $[\text{ReH}_9]^{2-}$ | trigonální prizma s třemi přidanými vrcholy<br> |                                                                                     |