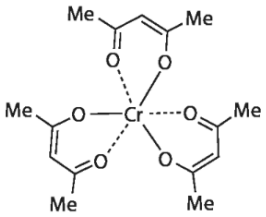
LANYACHEM
"The Chemistry We Serve"

CHROMIUM III ACETYLACETONATE

CAS No. 21679-31-2



Specifications:

Tests	Specification
Appearance	Dark purplish-red crystalline powder
Assay	⩾99.00%
Cr	⩾14.50%

Package: 25Kg/Drum

Application:

- Widely used as a paramagnetic relaxation agent in NMR spectroscopy, where a small addition shortens spin-lattice relaxation times and enables accurate quantitative ^{13}C NMR analysis, and as a shift reagent to improve spectral resolution. It also serves as a catalyst precursor in olefin polymerization, hydrogenation, and oxidation reactions, and as a molecular probe in spectroscopic and bioinorganic studies. In addition, thanks to its high thermal stability and volatility, it is employed as a precursor for chromium-containing thin films by CVD and for chromium-doped luminescent and specialty materials, including glass coatings.

Storage: Closed tight in cool, dry and draught place, avoid dampness and water, away from fire and heat source.



Recommend Shelf Life: 12 months.