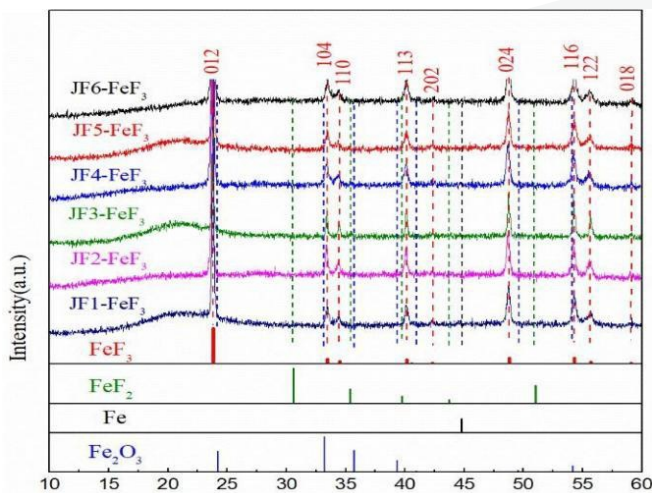


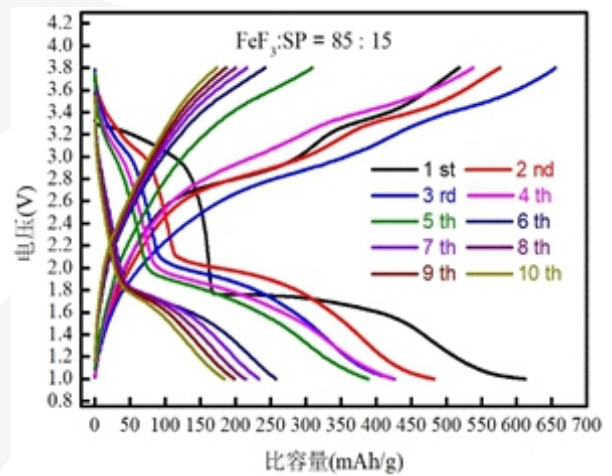
Chemical Formula: FeF_3

Physicochemical Properties:

FeF_3 is a white (slightly green) solid with a crystal density of 3.87 g/cm³; non-volatile, insoluble in ethanol, ether, benzene, and difficult to dissolve in water (solubility at 25°C is 0.091 g), easily soluble in HF solution. FeF_3 belongs R-3c space group of trigonal system.



FeF_3 product is of high purity and no impurity phase



FeF_3 and SP mixture was tested for electrochemical performance; under 0.1C, the 1st cycle discharge capacity is approx. 610 mAh/g, the 10th discharge capacity still keeps upto 180 mAh/g.