

Amorphous $\text{Fe}(\text{OH})_3$ (from medium 1210)

$\text{FeCl}_3 \times 6 \text{ H}_2\text{O}$ (60.00 g/l)	320.00	ml
NaOH (10% w/v), adjust if required	80.00	ml

Slowly titrate 320 ml of a $\text{FeCl}_3 \times 6 \text{ H}_2\text{O}$ stock solution (60.00 g/l) with 10% (w/v) NaOH to pH 8.0-8.5 under agitation (use magnetic stirrer). Total amount of added NaOH approx. 80 - 100 ml. The precipitated $\text{Fe}(\text{OH})_3$ should be stored at room temperature overnight with surface covered with water. Thereafter, centrifuge at 2000 rpm for 5 min and discard the supernatant. Wash several times with distilled water. Resuspend the pellet in medium as described above. For storage autoclave under 100% N_2 atmosphere.