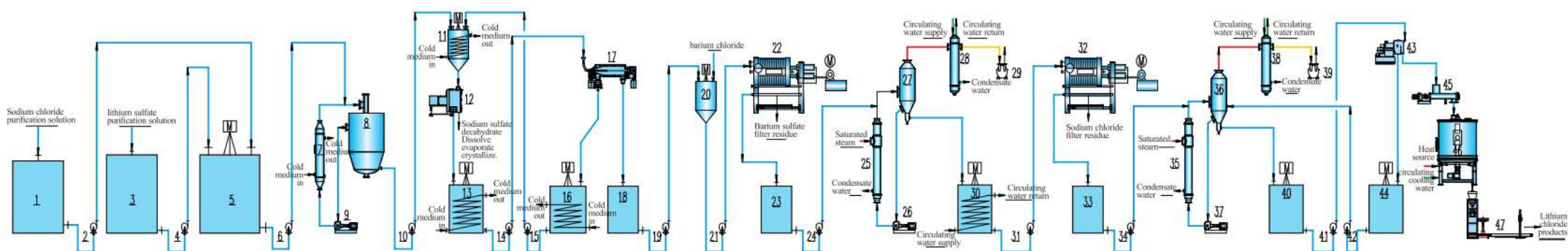


Schematic diagram of lithium chloride production process using lithium sulfate purification solution



- 1.Chloride sodium purification liquid tank; 2.Chloride sodium purification liquid pump; 3.Lithium sulfate purification liquid; 4.Lithium sulfate purification liquid pump; 5.Lithium hydroxide mixing liquid tank; 6.Mixing liquid pump; 7.Crystallization external cooler; 8.Crystallizer; 9.Crystallization cycle pump; 10.Crystallization discharge pump; 11.High-level tank; 12.First-stage centrifuge; 13.Mother liquor tank; 14.Mother liquor pump; 15.Slurry pump; 16.Secondary centrifuge slurry tank; 17.Secondary centrifuge; 18.Freezing liquid tank; 19.Freezing clear liquid pump; 20.Reactor; 21.Freezing clear liquid pump; 22.Bariumate pressure filter; 23.Lithium chloride purification liquid tank; 24.Lithium chloride purification liquid pump; 25.Sodium separation heating unit; 26.Sodium separation cycle pump; 27.Sodium separation evaporator; 28.Sodium separation indirect condenser; 29.Sodium separation vacuum pump; 30.Concentrated liquid tank; 31.Concentrated wave pump; 32.Sodium chloride pressure filter; 33.Lithium chloride concentrated liquid tank; 34.Lithium chloride concentrated liquid pump; 35.Heating unit; 36.Crystallizer; 37.Crystallization cycle pump; 38.Crystallization indirect condenser; 39.Crystallization vacuum pump; 40.Lith chloride slurry tank machine; 41.Lithium chloride slurry pump; 42.Lithium chloride mother liquor pump; 43.Centrifuge; 44.Lithium chloride mother liquor tank; 45.Quantitative feeder; 46.Disc-type continuous dryer; 47.Packaging machine;