

ABSTRACT OF THE DISCLOSURE
METHOD FOR PREPARING ELECTRONIC GRADE INORGANIC
ACIDS FROM WASTE ACID SOLUTION

A method for preparing electronic grade inorganic
5 acids includes: introducing alkali metal salts into a
waste acid solution containing hydrofluoric acid, nitric
acid and water to obtain hydrogen fluoride vapor, and a
distillation residue mixture containing nitric acid,
water and the alkali metal salts; subjecting the first
10 distillation residue mixture to evaporation treatment,
and then introducing an alkali earth metal nitrate salt
into the resultant nitric acid/water mixture followed by
distillation treatment so as to obtain nitric acid vapor;
and removing mist droplets in the hydrogen fluoride and
15 nitric acid vapor, followed by condensation treatment
and concentration adjustment so as to obtain electronic
grade hydrofluoric acid and nitric acid.