

The Soap Kitchen

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Our Hydroxides are sourced directly from a major UK supplier into the toiletries industry and so are of Toiletry Industry Standard.

Sodium Hydroxide is typically labelled 98% pure, which is a Minimum %age

Potassium Hydroxide is typically labelled 90% pure, which is a Minimum %age

The list of impurities present in each of these products as documented to us, is as follows:-

Sodium Hydroxide Pearl. Impurities:-

Sodium Carbonate % w/w 0.5 max

Sodium Chloride 80 ppm max

Sodium Sulphate 25 ppm max

Iron (Fe) 10 ppm max

Copper (Cu) 2 ppm max

Silicon Dioxide 10 ppm max

Arsenic (As) 0.1 ppm max

Heavy Metals 5 ppm max

Lead (Pb) 0.1 ppm max

Mercury (Hg) 0.01 ppm max

Manganese (Mn) 0.1ppm max

Nickel (Ni) 3ppm max

Water insolubles % w/w 0.05

Potassium Hydroxide Flakes. Impurities:-

CO_3^{2-} in K_2CO_3 (%) 0.2 min – 1.0 max

Na in NaOH (%) 0.5 min – 0.90 max

Chlorides in Cl^- (ppm) 10 min – 80 max

Total sulphur in SO_4^{2-} (ppm) 10 min – 20 max

Iron (ppm) 0.5 min – 4 max

Hg (ppm) 0.050 min – 0.1 max