

**SPECIFICATION**  
**POTASSIUM HYDROXIDE PELLETS (AR/GR GRADE)**  
**CAUSTIC POTASH PELLETS**  
**CAS NO: 1310-58-3**  
**KOH; MW: 56.11**

<b>TEST</b>	<b>SPECIFICATION</b>
Description	White, deliquescent pellets
Identify	K: Passes test OH: Passes test
Test solution (10% w/v; water)	The solution is clear and colourless
Assay (KOH)	NLT 85 %
Carbonate (as K <sub>2</sub> CO <sub>3</sub> )	NMT 1 %
Substances insoluble in water	NMT 0.01 %
Chloride (Cl)	NMT 0.002 %
Nitrate (NO <sub>3</sub> )	NMT 0.001 %
Phosphate (PO <sub>4</sub> )	NMT 0.0005 %
Silicate (SiO <sub>2</sub> )	NMT 0.005 %
Sulfate (SO <sub>4</sub> )	NMT 0.003 %
Aluminium (Al)	NMT 0.002 %
Ammonium (NH <sub>4</sub> )	NMT 0.0005 %
Arsenic (As)	NMT 0.0001 %
Calcium (Ca)	NMT 0.0025%
Copper (Cu)	NMT 0.0005 %
Iron (Fe)	NMT 0.0005 %
Lead (Pb)	NMT 0.0005 %
Magnesium (Mg)	NMT 0.0005%
Nickel (Ni)	NMT 0.001 %
Zinc (Zn)	NMT 0.001 %

**Applications:** Pharmaceutical Aid (Alkalizer), Electroplating photo engraving and Lithographic, Cosmetics, Analytical Chemistry and Organic synthesis, printing ink soap Manufacturing Varnish remover, Mordant for woods, Absorbing CO<sub>2</sub>, Mercerizing cotton.

**Caution:** Extremely corrosive product. Potential symptoms of over-exposure are irritation of eyes, skin, respiratory system, eye and skin burns, cough, sneezing, vomiting, diarrhea etc.