

# *Chem-Impex International, Inc.*

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Certificate of Analysis*

<b>Catalogue Number</b>	30054
<b>Lot Number</b>	003523-1001438401-65
<b>Product</b>	<b>Potassium hydroxide, pellets</b>
<b>CAS Number</b>	1310-58-3
<b>Molecular Formula</b>	KOH
<b>Molecular Weight</b>	56.11

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<b>Appearance</b>	White, deliquescent pellets
<b>Solubility</b>	11 g in 100 mL water at 20 °C
<b>Melting Point</b>	360 °C
<b>Elemental Analysis (Found)</b>	Nitrogen compounds (as N) : 0.0002%
<b>Heavy Metals</b>	0.0003% (as Ag)
<b>Anion</b>	Chloride (Cl) : 0.005% Phosphate (PO <sub>4</sub> ) : 0.00003% Sulfate (SO <sub>4</sub> ) : 0.0002%
<b>Cation</b>	Calcium (Ca) : 0.0002% Iron (Fe) : 0.0002% Magnesium (Mg) : 0.0005% Nickel (Ni) : 0.0002% Sodium (Na) : 0.42%
<b>Water Content (Karl Fisher)</b>	10 - 15%
<b>Carbonate</b>	0.43% (as K <sub>2</sub> CO <sub>3</sub> )
<b>Assay by titration</b>	86.72% (as KOH)
<b>Grade</b>	ACS reagent
<b>Storage</b>	Store at RT

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**