



**EMD Chemicals Inc.**  
480 S. Democrat Road  
Gibbstown, NJ 08027  
Phone 856-423-6300  
Fax 856-423-4389

**Name:** Potassium Hydroxide  
Pellets, GR ACS  
Meets ACS Specifications

**Formula:** KOH

**Item Number:** PX1480/1

**Formula Wt:** 56.11

**Lot Number:** 45059511

**Data Order No:** 000092205

CHARACTERISTIC	REQUIREMENT		RESULTS	UNITS
	Min.	Max.		
Assay	85.0		87.05	%
Color			White	
Form			Pellets	
Chloride (Cl)		0.01	< 0.01	%
Phosphate (PO4)		5	< 5	ppm
Potassium carbonate (K2CO3)		2.0	0.59	%
Sulfate (SO4)		0.003	< 0.003	%
Nitrogen compounds (as N)		0.001	< 0.001	%
Heavy metals (as Ag)		0.001	< 0.001	%
Calcium (Ca)		0.005	< 0.005	%
Iron (Fe)		0.001	< 0.001	%
Magnesium (Mg)		0.002	< 0.002	%
Nickel (Ni)		0.001	< 0.001	%
Sodium (Na)		0.05	< 0.05	%

Charles M. Wilson,  
Quality Assurance Manager

Release Date: 3/1/2005

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(Formerly EM Science, A Division of EM Industries, Inc.)  
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