



PRODUCT SPECIFICATION SHEET
POTASSIUM HYDROXIDE PELLETS
 Meets ACS/USP/NF/FCC GRADE Monographs

Main Catalog # 287000000-Size Code*

Available in the following sizes:

*Refer to Master Price List – Individual package sizes have unique size codes

PRODUCT SPECIFICATIONS	MONO GRAPH	LIMITS	TYPICAL RESULTS
Assay	ACS	85.0% min.	
Assay – Total Alkali	NF	NLT 85.0% of total alkali	
Assay – Content of Potassium	NF	NLT 59.9%	87.8%
Assay – Total Alkali	FCC	NLT 85.0% and NMT 100.5% of total alkali, calculated as KOH	
Identification A – Potassium	NF		
Identification – Potassium	FCC	A solution (1 in 25) meets the requirements	Pass
Potassium Carbonate (K ₂ CO ₃)	ACS	2.0% max.	
Potassium Carbonate (K ₂ CO ₃)	NF	3.5% max.	0.5%
Inorganic Impurities - Carbonate	FCC	NMT 3.5%	
Chloride (Cl)	ACS	0.01% max.	<0.01%
Nitrogen Compounds (as N)	ACS	0.001% max.	<0.0003%
Phosphate (PO ₄)	ACS	5ppm max.	<1ppm
Sulfate (SO ₄)	ACS	0.003% max.	<0.0005%
Heavy Metals	ACS	0.001% max.	<0.001%
Iron (Fe)	ACS	0.001% max.	<0.0005%
Nickel (Ni)	ACS	0.001% max.	<0.0005%
Calcium (Ca)	ACS	0.005% max.	<0.0004%
Magnesium (Mg)	ACS	0.002% max.	<0.0005%
Sodium (Na)	ACS	0.05% max.	<0.02%
Inorganic Impurities - Lead (Pb)	FCC	NMT 2 mg/kg	<2.0ppm
Inorganic Impurities - Mercury (Hg)	FCC	NMT 0.1 mg/kg	<0.1ppm
Insoluble Substances	NF FCC	The Sample solution is complete, clear, and colorless The Sample solution is complete, clear, and colorless	Pass

*For specific results on individual metals, please inquire.

Form: Potassium Hydroxide, ACS/USP/NF/FCC, Rev. 2.7, 05/18, JMP

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.