

Chem-Impex International, Inc.

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

Product Specifications

$K_2CO_3 \cdot 1\frac{1}{2} H_2O$

Catalogue Number	32037
Product	Potassium carbonate sesquihydrate
CAS Number	6381-79-9
Molecular Formula	$CK_2O_3 \cdot 1.5H_2O$
Molecular Weight	165.23

Appearance	White crystals
Heavy Metals	≤ 5 ppm (as Pb)
Sulfur Compounds	$\leq 0.003\%$ (as SO_4)
Anion	Chloride (Cl) : $\leq 0.003\%$ Phosphate (PO_4) : $\leq 0.001\%$ Silica (SiO_2) : $\leq 0.005\%$
Cation	Iron (Fe) : ≤ 5 ppm Calcium (Ca) : $\leq 0.002\%$ Magnesium (Mg) : $\leq 0.002\%$ Sodium (Na) : $\leq 0.02\%$ Nitrogen compound (as N) : $\leq 0.001\%$ Ammonium Hydroxide ppt : $\leq 0.01\%$
Insoluble material	$\leq 0.01\%$
Assay by titration	99 - 101%
Grade	ACS Reagent
Storage	Store at RT
Additional Information	Identification : To pass test Loss on heating : 14.0 - 16.5% (285 °C)

For Laboratory Use Only