



# Specification for Potassium Bicarbonate, Crystal, Reagent, ACS (P1175)

Item Number	P1175
Item	Potassium Bicarbonate, Crystal, Reagent, ACS
CAS Number	298-14-6
Molecular Formula	$\text{KHCO}_3$
Molecular Weight	100.12
MDL Number	
Synonyms	Potassium Hydrogen Carbonate ; Carbonic Acid Monopotassium Salt

Test	Specification	
	Min	Max
ASSAY ( $\text{KHCO}_3$ ; DRIED BASIS)	99.7%	100.5 %
INSOLUBLE MATTER		0.01 %
CHLORIDE (Cl)		0.001 %
PHOSPHATE ( $\text{PO}_4$ )		5 ppm
SULFUR COMPOUNDS (as $\text{SO}_4$ )		0.003 %
AMMONIUM ( $\text{NH}_4$ )		5 ppm
CALCIUM (Ca)		0.002 %
HEAVY METALS (as Pb)		5 ppm
IRON (Fe)		5 ppm
SODIUM (Na)		0.03 %
MAGNESIUM (Mg)		0.001 %

### *Spectrum Chemical Mfg Corp*

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