

EM Science
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Name: Potassium Chloride
 GR ACS, Crystals
 Meets ACS Specifications

Formula: KCl

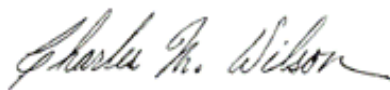
Item Number: PX1405, PX1405/1, PX1405/5, PX1405/7

Formula Wt: 74.55

Lot Number: 130198

Data Order No: 00053140

CHARACTERISTIC	REQUIREMENT		RESULTS	UNITS
	Min.	Max.		
Assay (argentometric)	99.0	100.5	99.89	%
Barium (Ba)			Passes test	
Bromide (Br)		0.01	< 0.01	%
Calcium (Ca)		0.002	0.0001	%
Chlorate and nitrate (as NO ₃)		0.003	< 0.002	%
Color			White	
Form			Crystals	
Heavy metals (as Pb)		5	< 2	ppm
Insoluble matter		0.005	< 0.002	%
Iodide (I)		0.002	< 0.001	%
Iron (Fe)		3	< 1	ppm
Magnesium (Mg)		0.001	0.00003	%
Nitrogen compounds (as N)		0.001	< 0.0005	%
pH of a 5% solution at 25°C	5.4	8.6	5.96	
Phosphate (PO ₄)		5	< 3	ppm
Sodium (Na)		0.005	0.001	%
Sulfate (SO ₄)		0.001	< 0.001	%



Charles M. Wilson,
 Quality Assurance Manager

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EM Science
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