


EM SCIENCE

CERTIFICATE OF ANALYSIS

NAME: Sodium Perchlorate, Anhydrous
GR ACS
ITEM NUMBER: SX0692, SX0692/1, SX0692/1, SX0692/901
LOT NUMBER: 41302147
FORMULA: NaClO₄
FORMULA WT: 122.44
Meets ACS Specifications
Data Order No: 00066444

PROPERTY	LIMITS		RESULTS	UNITS
	Min.	Max.		
Assay (argentometric)	98.0	102.0	98.9	%
Calcium (Ca)		0.02	<0.001	%
Chloride (Cl)		0.003	0.003	%
Color			white	
Form			Crystals	
Heavy metals (as Pb)		5	<0.5	ppm
Insoluble matter		0.005	0.005	%
Iron (Fe)		5	<0.5	ppm
pH of a 5% solution at 25°C	6.0	8.0	6.2	
Potassium (K)		0.05	0.04	%
Sulfate (SO ₄)		0.002	0.002	%



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Analysis Date: 11/2/01 9:31:14 AM