



EMD Chemicals Inc.
480 S. Democrat Road
Gibbstown, NJ 08027
Phone 856-423-6300
Fax 856-423-4389

Name: Perchloric Acid, 60%
GR ACS
Meets ACS Specifications

Formula: HClO₄

Item Number: PX0396D, PX0396D-4

Formula Wt: 100.46

Lot Number: 44304

Data Order No: 000089966

CHARACTERISTIC	REQUIREMENT		RESULTS	UNITS
	Min.	Max.		
Assay	60.0	62.0	61.5	%
Color (APHA)		10	< 10	
Form			Clear liquid	
Chloride (Cl)		0.001	< 0.001	%
Silicate and phosphate (as SiO ₂)		5	< 5	ppm
Sulfate (SO ₄)		0.001	< 0.001	%
Nitrogen compounds (as N)		0.001	< 0.001	%
Heavy metals (as Pb)		1	< 1	ppm
Iron (Fe)		1	< 1	ppm
Residue after ignition		0.003	< 0.003	%

Charles M. Wilson,
Quality Assurance Manager

Release Date: 11/8/2004

EMD Chemicals Inc.
(Formerly EM Science, A Division of EM Industries, Inc.)
An Affiliate of Merck KGaA, Darmstadt, Germany