



EMD Chemicals Inc.
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Name: Sodium Phosphate, Dibasic, Heptahydrate [Disodium hydrogen phosphate]
GR ACS, Crystals
Meets ACS Specifications

Formula: $\text{Na}_2\text{HPO}_4 \cdot 7\text{H}_2\text{O}$

Item Number: SX0715, SX0715-901

Formula Wt: 268.07

Lot Number: 46136

Data Order No: 000402537

CHARACTERISTIC	REQUIREMENT		RESULTS	UNITS
	Min.	Max.		
Assay	98.0	102.0	100.66	%
Insoluble matter		0.005	0.001	%
pH of a 5% solution at 25 °C	8.7	9.3	9.15	
Chloride (Cl)		0.001	0.0003	%
Sulfate (SO ₄)		0.005	0.0012	%
Heavy metals (as Pb)		0.001	0.0002	%
Iron (Fe)		0.001	< 0.0001	%

Charles M. Wilson,
Quality Assurance Manager

Release Date: 6/7/2006

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