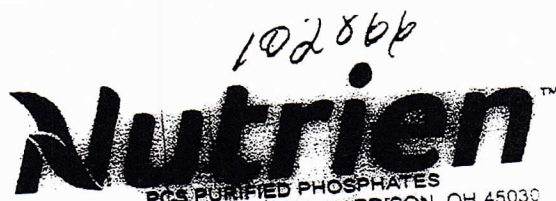


347327



PCS PURIFIED PHOSPHATES
10818 PADDYS RUN ROAD, HARRISON, OH 45030
PHONE (513) 738-1261 FAX (513) 738-1022

This facility is an ISO 9001 registered company

CERTIFICATE OF ANALYSIS

Page 1 of 1

MATERIAL : Phosphoric Acid 85% Food Grade
Code FG85

Lot No : 119600

Shipped to : 238952

BRENNTAG MID-SOUTH, INC.
P.O. BOX 20
HENDERSON KY 42419-0020

BRENNTAG MID-SOUTH: JOST
126 CHOUTEAU AVENUE
ST LOUIS MO 63102

Manufacturing Date: 15-FEB-2018
Plant Lot No. : 8B15196-1
Container : 1 TRUCK
Sample ID : 11237669

Shipping Date : 20-FEB-2018
PCS Order No. : 7190648
Ship to P.O. No. :
Sold to P.O. No. : 771979

Appearance :

Clear, Colorless Liquid, Without Visible Suspended or Precipitated Particles

Component	Method	Result	Specification		Units
			Max	Min	
Phosphoric Acid, % H3PO4 (Sp Gr)	L-15	85.1	85.5	85.0	%
Specific Gravity	L-15	1.687	1.692	1.686	25/15.5
Specific Gravity	L-15	1.689		1.690	20/40
Arsenic (As)	L-7	<1.3	3.0		ppm
Cadmium (Cd)	L-7	1.2	3.0		ppm
Chloride (Cl)	L-8	<1	10		ppm
Fluoride (F)	L-13	<10	10		ppm
Copper (Cu)	L-7	<4	10		ppm
Iron (Fe)	L-9	<5	5		ppm
Heavy Metals as Pb	L-7	<1			ppm
Potassium (K)	L-7	<2			ppm
Magnesium (Mg)	L-7	<0.1			ppm
Manganese (Mn)	L-7	<8.8			ppm
Sodium (Na)	L-7	<5			ppm
Nitrate	C-229	<5			ppm
Lead (Pb)	L-7	<0.3	3.0		ppm
Sulfate (SO4)	L-7	62	250		ppm

Respectfully Submitted,

BRENNTAG LOT

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Page 1 of 2

IMPORTANT: All information provided is believed to be accurate and complete. The data provided is representative of the product quality on the date of analysis for the lot number indicated. This certificate of analysis may not include all of the constituents of the product. Persons using this information should make their own determination regarding its suitability for their particular application. This certificate of analysis shall not in any way limit or preclude the operation and effect of the applicable terms and conditions of sale.