



**ChemPure\* Brand  
Chemicals**

Cust-Product Code: CP-M1375D  
Lot #: 2019091763

...Pure Quality

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: **EDTA, Disodium Salt, Dihydrate**  
ACS

F.W.: 372.2400

CHEMICAL FORMULA: C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>8</sub>Na<sub>2</sub> • 2H<sub>2</sub>O

CAS No: 6381-92-6

Density: 1.0000

ANALYTICAL RESULTS		
ITEM	SPECIFICATIONS	ANALYSIS
Assay (C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>8</sub> Na <sub>2</sub> • 2H <sub>2</sub> O)	99.0-101.0%	100.4%
pH of a 5% solution at 25°C	4.0-6.0	4.5
Insoluble Matter	0.005% max.	<0.005%
Nitrilotriacetic acid [(HOCOCH <sub>3</sub> ) <sub>3</sub> N]	0.1% max.	<0.1%
Heavy Metals (as Pb)	0.005% max.	<0.001%
Iron (Fe)	0.01% max.	<0.002%
Manufacture Date	Record Actual	03/01/2019
Expiration Date	Record Actual	02/28/2022
REMARKS		

Important: It is certified that the above is a true copy of the actual lot analysis. To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. However, nothing herein shall constitute any express or implied warranty of merchantability or fitness for a particular purpose. The minimum shelf life is based on current knowledge and holds only for proper storage conditions in the original containers. We herewith confirm that the delivery is effected according to the technical conditions agreed. Particular properties of the products or the suitability for a particular area of application is not assured. It is the customer's responsibility to inspect and test the products in order to satisfy itself as to the suitability for the customer's particular purpose. This information is not intended to be all inclusive as to the manner and conditions of use, handling, storage, disposal, and other factors that may involve other or additional legal, environmental, safety or performance considerations, and CHEMPURE BRAND CHEMICALS assumes no liability whatsoever for the use of or reliance upon this information. Our technical personnel will be happy to respond to questions. Safe handling and use of the product remains the responsibility of the customer. No suggestions for use are intended as, and nothing herein shall be construed as, recommendations to infringe any existing patents or to violate any Federal, State, Local or foreign laws. This document was produced electronically and is valid without a signature. ChemPure Quality Management.

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**ChemPure\* Brand  
Chemicals**

Cust-Product Code: CP-M1969D  
Lot #: 2019072322

...Pure Quality

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: **Potassium Iodide**  
Crystal, ACS

F.W.: 166.0000

CHEMICAL FORMULA: KI

CAS No: 7681-11-0

Density: 1.0000

ANALYTICAL RESULTS		
ITEM	SPECIFICATIONS	ANALYSIS
Heavy Metals (as Pb)	5 ppm max.	1 ppm
Assay (KI)	99.0% min.	99.9%
Barium (Ba)	0.002% max.	<0.0002%
Calcium (Ca)	0.002% max.	<0.0002%
Chloride and bromide (as Cl)	0.01% max.	0.01%
Color	White	Passes Test
Form	Granules	Passes Test
Insoluble Matter	0.005% max.	<0.0005%
Iodate (IO <sub>3</sub> )	3 ppm max.	<3 ppm
Iron (Fe)	3 ppm max.	1 ppm
Loss on Drying at 150°C	0.2% max.	0.01%
Magnesium (Mg)	0.001% max.	<0.0001%
pH of a 5% solution at 25°C	6.0-9.2	7.1
Phosphate (PO <sub>4</sub> )	0.001% max.	0.0001%
Sodium (Na)	0.005% max.	0.002%
Sulfate (SO <sub>4</sub> )	0.005% max.	0.001%
Manufacture Date	Record Actual	07/03/2019
Expiration date	Record Actual	07/02/2021
REMARKS		

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**ChemPure\* Brand  
Chemicals**

Cust-Product Code: **CP-A2488D**  
Lot #: **2018012359**

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## CERTIFICATE OF ANALYSIS

PRODUCT NAME: **Sodium Sulfate**  
10-60 Mesh, ACS, Pesticide

F.W.: 142.0400

CHEMICAL FORMULA: **Na<sub>2</sub>SO<sub>4</sub>**

CAS No: 7757-82-6

Density: 1.0000

ANALYTICAL RESULTS		
ITEM	SPECIFICATIONS	ANALYSIS
Assay (Na <sub>2</sub> SO <sub>4</sub> )	99.0% min.	99.6%
Insoluble Matter	0.01% max.	0.004%
Description	White granules	Passes Test
Loss on Ignition	0.5% max.	0.1%
Chloride (Cl)	0.001% max.	<0.001%
Nitrogen Compounds (as N)	5 ppm max.	<5 ppm
Phosphate (PO <sub>4</sub> )	0.001% max.	<0.001%
Heavy Metals (as Pb)	5 ppm max.	<5 ppm
Iron (Fe)	0.001% max.	<0.001%
Calcium (Ca)	0.01% max.	0.002%
Magnesium (Mg)	0.005% max.	0.0001%
Potassium (K)	0.01% max.	0.006%
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Mesh Size (10-60)	90.0% min.	92.7%
Suitability for EPA method 608	To pass test	Passes Test
REMARKS		

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