



**ChemPure* Brand
Chemicals**

DATE: MAY 14, 2014

...Pure Quality

CERTIFICATE OF ANALYSIS

POTASSIUM SULFATE REAGENT ACS

Item Number: **CP-A2015D, CP-M2015D**
Lot No: **P4660 - B1213**
Chemical Description: Potassium Sulfate, Reagent ACS

CAS Number: [7778-80-5] EINECS: 213-915-5
Molecular Formula: K_2SO_4 Melting Point: 1067 °C
Molecular Weight: 174.26 Boiling Point: 1689 °C
Density: 2.66 g/cm³ (20 °C)

Test	Specification	Result
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Assay	≥99.0%	99.0%
Insoluble Mater	≤0.01%	<0.01%
pH of 5%Solution @25 °C	5.5 – 8.5	Conforms
Chloride (Cl)	≤0.001%	<0.001%
Nitrogen Compounds (N)	≤5 ppm	<5 ppm
Calcium (Ca)	≤0.01%	<0.01%
Magnesium (Mg)	≤0.005%	<0.005%
Iron (Fe)	≤5 ppm	<5 ppm
Sodium (Na)	≤0.02%	<0.02%
Heavy Metals (Pb)	≤5 ppm	<5 ppm

Manufactured February 2013

Suggested Retest Date Feb. 2018

Approved by: VKM

Vylo Mekesa

QA/QC Manager