

RSR CERTIFICATE OF ANALYSIS

477770/100924

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GILES CHEMICAL INDUSTRIES
PO Box 370
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Date
04/14/2010
Delivery item/date
80057388 000010 / 04/16/2010
Order item/date
12701 000350 / 12/29/2009
Customer number
30870

RSR Product....702001 ANHYDROUS SODIUM SULFATE
Spec Date.....12/14/2007
RSR Reference..3006D
RSR Lot.....W777
Date Cast.....04/14/2010
Ship Date.....04/14/2010
Color Code: 93.14 MIN

Customer Part..RMS.SCAKE.01
Product Spec...NA2SO4
Purch Order....5038685
Ship Weight....50,040 LB
Units.....1

The Sodium Sulfate is "on color" for any Colorimeter reading above 93.14. This is the minimum value determined by analyzing our old color standards with the colorimeter instrument.

| ELEMENT | Actual Value | UoM | Lower Limit | Upper Limit |
|--------------------|--------------|--------|-------------|-------------|
| Analysis Method | QC-SOP-15 | | | |
| Sodium Sulfate | 99.8551 | % | | 100.0000 |
| Sodium Chloride | 0.0516 | % | | 0.2000 |
| Sodium Carbonate | 0.0100 | % | | 0.1000 |
| Moisture | 0.0116 | % | | 0.0600 |
| Water Insolubles | 0.0720 | % | | 0.1000 |
| Pb | 0.0001 | % | | 0.0050 |
| Total Heavy Metals | 0.0012 | % | | 0.0050 |
| Iron Oxide | 0.0002 | % | | 10 |
| pH (10% solution) | 8 | | | 100 |
| Bulk density/poure | 96 | lbs/cf | | 2.0 |
| US Std Mesh +20 | 0.1 | % | | 30.0 |
| US Std Mesh +40 | 0.3 | % | | 60.0 |
| US Std Mesh +60 | 9.2 | % | | 98.0 |
| US Std Mesh +100 | 74.2 | % | | 99.9 |
| US Std Mesh +200 | 96.6 | % | | 20.0 |
| US Std Mesh Thru 2 | 3.4 | % | | |

Certified by JMEYER on 04/14/2010