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## CERTIFICATE OF ANALYSIS

PRODUCT NUMBER: ECSS15M6  
PRODUCT NAME: Anhydrous Sodium Sulfate, ACS Grade, 10-60 Mesh  
LOT NUMBER: 044238-CY

<u>Test</u>	<u>Specification Values</u>	<u>Lot Analysis</u>
Appearance:	White Granules w/some powder	Pass
Assay:	99.0% Min.	99.30%
Calcium:	0.01% Max.	0.010%
Chloride:	0.001% Max.	<0.001%
LOI:	0.5% Max.	0.10%
Heavy Metals:	5ppm Max.	<5ppm
pH (5%):	5.2 - 9.2	6.2
Nitrogen Compounds:	5ppm Max.	<5ppm
Magnesium:	0.005% Max.	0.005%
Potassium:	0.01% Max.	0.010%
Iron:	0.001% Max.	<0.001%
Insoluble Matter:	0.01% Max.	0.003%
Phosphate:	0.001% Max.	<0.001%

- Total sorbent weight per tube (5000mg) 4750min -5250max Conforms
- All components of this product are individually weighed. The mass of each raw material meets method required tolerances.

*The shelf life for this product is 5 years from the date of shipment.  
The shelf life is only valid if the material is stored in the original unopened container.  
The test methods and specifications were current when the product was lotted.*

**CERTIFIED BY:**  
**NAME:** D. Kearns

**TITLE:** QC ANALYST

**Certificate issue DATE:** 07/30/2019

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