



Certificate of Analysis

AMMONIUM PERSULFATE

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| <u>Catalog #</u> IB70080 | <u>Size</u> 100 gm |
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Catalog Number: IB70080

Lot Number: 14E1450

Molecular Formula: $(\text{NH}_4)_2\text{S}_2\text{O}_8$

Molecular Weight: 228.19

Appearance: White crystalline powder

| <u>Assay</u> | <u>Min</u> | <u>Max</u> | <u>Actual</u> | <u>Units</u> | <u>Disposition</u> |
|----------------------|------------|------------|---------------|--------------|--------------------|
| Purity | 98.0 | | 99.4 | % | PASS |
| Insolubles | | 0.005 | 0.001 | % | PASS |
| Residue on Ignition | | 0.05 | 0.01 | % | PASS |
| Titration Free Acid | | 0.04 | 0.01 | mep/g | PASS |
| Chloride & Chlorate | | 0.001 | 0.0002 | % | PASS |
| Heavy Metals (as Pb) | | 0.005 | 0.001 | % | PASS |
| Iron | | 0.001 | 0.0003 | % | PASS |
| Manganese | | 0.00005 | 0.00001 | % | PASS |

Storage

Store at room temperature. Protect from moisture.

This signature indicates that the above material has met all quality specifications and has been reviewed by a quality representative.

Signature: K. McCarthy
Date: 06/06/2014