



G. AMPHRAY LABORATORIES

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CERTIFICATE OF ANALYSIS

Name of Product : **POTASSIUM IODATE FCC**
Batch No. : PI-057/15 Q.C. No. : G-14/1436
Date Of Manufacture : Dec-2014 CAS No. : 7758-05-6
Date Of Expiry : Nov-2017 Batch size : 1000 Kgs.

| TESTS | LIMITS | RESULTS |
|------------------------|--|-----------------------------|
| Description | A White crystalline powder. | A white crystalline powder. |
| Solubility | Soluble in water, insoluble in alcohol. | Complies |
| pH of Solution | Between 5 and 8. | 5.95 |
| Identification | A transient blue color appears. | Complies |
| Chlorate | About 0.01 % | Complies |
| Iodide | About 0.002 % | Complies |
| Lead (by AAS). | Not more than 4mg/kg. | Complies |
| Loss on drying | Not more than 0.5 % | 0.22% |
| Assay (on dried basis) | Not less than 99.0 % and Not more than 101.0 % of KIO ₃ . | 99.8% |

Additional In-house Tests

| | | |
|------------------------------|--|----------------------|
| Particle Size | Mesh Size -30 | 100% Passing Through |
| Bulk Density after 50 Tapped | For Information | 2.01 g/ml |
| Arsenic (as As). | Not more than 3 ppm | Complies |
| Heavy Metals(as Pb). | Not more than 10 ppm | Complies |
| Storage Condition | Store in a cool place and protect from Heat, Moisture, Light, Dust and other contaminations. | |

REPORT : The batch complies with respect to the above mentioned FCC III / VIII & In-house tests.

Certified True Copy

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AUTHORISED SIGNATURE

