



G. AMPHRAY LABORATORIES

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CERTIFICATE OF ANALYSIS

| | | | |
|---------------------|----------------------|------------------|-------------|
| Name of Product | Potassium Iodide USP | QC No | G 08 / 1731 |
| Batch No. | P 253 / 09 | Date Of Receipt | 19-Jan-2009 |
| Date Of Manufacture | Jan 2009 | Date Of Analysis | 19-Jan-2009 |
| Date Of Expiry | Dec 2013 | Sample Size | 100 grm |
| Quantity | 1000 Kgs | | |

RESULT OF ANALYSIS

| Tests | Results | Limits |
|-------------------------------------|--|--|
| Description | A white crystalline powder. | A white crystalline powder. |
| Identification | Complies | Meets the requirements of the tests for Potassium & For Iodides. |
| Solubility | Very soluble in water freely soluble in glycerine, soluble in alcohol. | Very soluble in water freely soluble in glycerine, soluble in alcohol. |
| Alkalinity | Complies | No Colour is Produced. |
| Loss on drying | 0.22 % | Not more than 1.0%. |
| Iodate | < 4 µ g /g | Not more than 4 µ g / g. |
| Limit of Nitrate, Nitrite & Ammonia | Complies | No blue Colouration of the paper is discernible. |
| Thiosulphate & Barium | Complies | No Turbidity develops within one minute. |
| Heavy Metals | < 0.001% | Not more than 0.001% |
| Organic Volatile Impurities | In our process we do not use any organic solvent so there is no possibility of any organic volatile impurities being present in the product. | Chloroform : NMT 60 µ g /g 1,4 Dioxane : NMT 380 µ g /g Methylene Chloride : NMT 600 µ g /g. Trichloroethylene : NMT 80 µ g /g. |
| Assay (on dried basis) | 99.91 % of KI | Between 99.0% to 101.5% |

ADDITIONAL TEST

1) Particle Size on Tyler Machine:

| Micron | Mesh | %Passing Through |
|--------|------|------------------|
| | 16 | 100% |
| | 20 | 99.1% |
| | | |

2) Bulk Density after 50 Tapped = 1.68 g /ml.

REPORT :

The Above Batch Complies with the prescribed Standards of Quality as per USP 26.

Certified True Copy
For G. AMPHRAY LABORATORIES

AUTHORISED SIGNATORY

PLANTS : 1

43/2, Narpoli,
Amina Compd.,
Near Dhamankar Naka,
Bhiwandi p 421 302
MAHARASHTRA
Ph. : 95-2522-232374

PLANTS : 2

10/1, MIDC Industrial Area,
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BANKERS :

STATE BANK OF INDIA
Overseas Branch,
World Trade Centre,
Cuffe Parade,
Mumbai - 400 005.

BANKERS :

DRESDNER BANK AG,
Jungfernstieg 22,
20354, Hamburg,
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