

PRODUCT NAME: POTASSIUM IODIDE BP

ANALYSIS

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| DESCRIPTION | A WHITE CRYSTALLINE POWDER |
| SOLUBILITY | VERY SOLUBLE IN WATER, FREELY SOLUBLE IN GLYCEROL, SOLUBLE IN ALCOHOL |
| IDENTIFICATION TEST 1 | GIVES REACTION OF IODIDES |
| IDENTIFICATION TEST 2 | GIVES REACTION OF POTASSIUM |
| APPEARANCE OF SOLUTION | A 10% W/V SOLUTION IN CARBONDIOXIDE FREE WATER IS CLEAN AND COLOURLESS |
| ALKALINITY | NOT MORE THAN 0.5 ML F 0.01 M HCL |
| IODATES | NO BLUE COLOR DEVELOPS |
| SULPHATES | NOT MORE THAN 150 PPM |
| THIOSULPHATES | A BLUE COLOR IS PRODUCED |
| HEAVY METALS | NOT MORE THAN 10 PPM |
| IRON | NOT MORE THAN 20 PPM |
| LOSS ON DRYING | 0.58% |
| ASSAY ON DRIED BASIS | 99.85% OF KL |

ADDITIONAL TEST

- 1) PARTICAL SIZE ON TYLER MACHINE

| MESH | % PASSING THROUGH |
|------|-------------------|
| 16 | 100% |
| 20 | 99.30% |

- 2) BULK DENSITY AFTER 50 TAPPED = **1.68 G/ML**

MANUFACTURING DATE

JAN-2007

EXPIRATION DATE

DEC-2011

MEETS THE BP2002