



## Identity: Potassium Iodide (KI)

### **CERTIFICATE OF ANALYSIS**

#### **Test Parameters**

Description

Solubility

Iodine Content

Alkanity

pH( 5 % w/w in water)

Loss on Drying ( 110 Deg C,2 hours)

Iodate( $\text{IO}_3$ )

Sulphate ( $\text{SO}_4$ )

Heavy Metals (as Pb)

Loss on Drying @ $105^0$  C for 4 Hour

Thiosulphate and barium

Iron(Fe)

#### **Results**

A White Granular Powder

Complies

75.98%

Complies

7.85

0.28%

0.0000%

0.001%

0.000%

0.31

Complies

0.0001%

#### **Standard Limits**

Hexahedral Crystal, Either Transparent and colorless or somewhat opaque slightly hydroscopic powder

Very soluble in water & even more soluble in boiling water freely soluble in alcohol

75.69% - 76.45%

No color produced

6.00 – 9.20

0.20% - 0.50%

0.0000 % - 0.0003%

0.001% - 0.015%

0.000% - 0.001%

NMT 0.50%

No turbidity develops within 1 minute.

0.0000% - 0.0005%

#### **NOTE :**

(1) Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability whatsoever the end product performance.

(2) Any quality deviation must be brought to our notice within 10 days from the date of delivery of the material at the Customer's end. No quality deviations will be entertained after 10 days which please note. In case of advance payments the quality issues if any should be reported within 7 days from the date of receipt of the material for appropriate action.