



## CERTIFICATE OF ANALYSIS

Date: 06/04/14

PRODUCT NAME : POTASSIUM IODIDE GR

CAS No : 7681-11-0  
Mol. Formula : KI  
Mol. WT : 166.00

Product code : 25000  
Batch No : MCR-7999  
Mfd. : April 2014

S.R	Test	Specification	Observation
1	Assay (after drying)	99.8% w/w min	99.95% w/w
2	Insoluble matter	0.003% max	0.002%
3	Loss on drying at 120°C	0.2% max	0.062%
4	Acidity (HI)	0.0065% max	<0.0065%
5	Alkalinity (KOH)	0.006% max	<0.006%
6	Chloride and bromide (Cl)	0.01% max	<0.01%
7	Iodate (IO <sub>3</sub> )	0.0002% max	<0.0002%
8	Nitrogen compounds (N)	0.001% max	<0.001%
9	Phosphate (PO <sub>4</sub> )	0.001% max	<0.001%
10	Sulphate (SO <sub>4</sub> )	0.0025% max	<0.0025%
11	Barium (Ba)	0.001% max	<0.001%
12	Iron (Fe)	0.0002% max	<0.0002%
13	Lead (Pb)	0.0002% max	<0.0002%
14	Sodium (Na)	0.05% max	<0.05%
15	Iodine reducing substances (I)	0.001% max	<0.001%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE  
(G.G.Salian)

Note: Computer generated image requires no sign.

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