



## CERTIFICATE OF ANALYSIS

QUALITY CONTROL DEPT.	Page 1 of 1
Product Name	Iodine Prills
Country of origin	India
Cas Number	7553-56-2
HS Code	28012000
Molecular Formula	I <sub>2</sub>
Molecular Weight(M.W)	253.81
Batch No.	P/IO/2019/01/020
Batch Qty.	625.0 Kgs
Mfg. Date:	JAN-2019
Expiry date:	DEC- 2021
Date of sampling	01/01/2019
Date of completion of Analysis	01/01/2019

TEST	LIMITS	RESULTS
Description	Heavy , grayish-black plates or granules, having a metallic luster and a characteristic odor.	Heavy , grayish-black granules, having a metallic luster and a characteristic odor.
Solubility	Very slightly soluble in water; freely soluble in carbon disulfide, in chloroform, in carbon tetrachloride, and in ether; soluble in alcohol and in solutions of iodides; sparingly soluble in glycerin.	Complies the test
Identification	A : Solutions(1 in 1000) in chloroform and carbon Disulfide have a violet color.	Complies the test
	B :A blue colour is produced.	Complies the test
Chlorides and bromides	NMT 0.028 %	Less than 0.028 %
Limit of Non volatile residue	NMT 0.05 %	Not Detected
Assay	Limit 99.8- 100.5%	99.87%

THE SAMPLE PASSES WITH PRESCRIBED STANDARDS OF QUALITY INHOUSE WITH RESPECT OF THE ABOVE TEST.

ANALYSED BY	APPROVED BY
QC Chemist:	QA HEAD :
Sign & Date:	Sign & Date:

