## PROTO CHEMICAL INDUSTRIES



An ISO 9001:2008 Certified Company

## **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	l <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	Refinemica/	APPROVED BY
QC Chemist:	1011200	QA HEAD :
Sign & Date:	a s	Sign & Date:
U	Right and	
	My Conte	Assurante

Factory : E-121, MIDC, Tarapur, Boisar-401506, Dist. Palghar, Maharashtra, India. Ph:+91-2525-661283,9607555341,9607555342 Office: 403, V Star Plaza, Chandavarkar Lane, Borivali (W), Mumbai-92, Maharashtra, India. Ph:+91-22-28909933, 28909944,65778381 Email: <u>info@protochem.com</u>, <u>sales@protochem.com</u>, <u>divyesh@protochem.com</u> Web: www.protochem.com