



G. AMPHRAY LABORATORIES

POVIDONE IODINE BP/EP/USP/IP CAS No. 25655-41-8 (C ₆ H ₉ NO) _N ·XI		PRODUCT DATA SHEET MOLECULAR WEIGHT : VARIABLE	
INFORMATION OF THE PRODUCT			
Sr.No.	INFORMATION		
1	NAME OF THE PRODUCT	:	POVIDONE IODINE BP/EP/USP/IP
2	STRUCTURE	:	(C ₆ H ₉ NO) _N ·XI
3	COMPOSITION	:	IT IS COMPLEX OF POLYVINYLPIRROLIDONE (POVIDONE, PVP) AND ELEMENTAL IODINE
4	CHEMICAL NAME (IUPAC)	:	2-PYRROLIDINONE, 1-ETHENYL-, HOMOPOLYMER COMPOUND WITH IODINE .
5	PROPERTIES	:	POVIDONE-IODINE IS A BROAD SPECTRUM ANTISEPTIC.
6	SPECIFICATION		<p>APPEARANCE (Ph. Eur./USP/IP) YELLOWISH BROWN TO REDDISH BROWN AMORPHOUS POWDER HAVING A SLIGHT, CHARACTERISTIC ODOR</p> <p>SOLUBILITY (Ph. Eur./USP/IP) SOLUBLE IN WATER & IN ALCOHOL PRACTICALLY INSOLUBLE IN CHLOROFORM, CARBON TETRACHLORIDE, ETHER, HEXANE & IN ACETONE. SOLUTION ACIDIC TO LITMUS</p> <p>IDENTIFICATION (Ph. Eur./USP/IP) INFRARED ABSORPTION : IR SPECTRUM OF SAMPLE IS CONCORDANT WITH THAT OF THE REFERENCE STANDARD A DEEP BLUE COLOR IS PRODUCED NON SMEARING FILM IS DISSOLVES READILY IN WATER</p> <p>LOSS ON DRYING (Ph. Eur. /USP/IP) NOT MORE THAN 8.0 %</p> <p>RESIDUE ON IGNITION (USP) NOT MORE THAN 0.025 %</p> <p>SULFATED ASH (Ph.Eur./ IP) MAXIMUM 0.1 %</p> <p>IODIDE (ON DRIED BASIS)(USP/ IP) NOT MORE THAN 6.6 %</p> <p>IODIDE (ON DRIED BASIS)(Ph.Eur./IP) NOT MORE THAN 6.0 %</p> <p>pH (Ph.Eur.) BETWEEN 1.5 TO 5.0</p> <p>HEAVY METALS (USP) NOT MORE THAN 0.002%</p> <p>NITROGEN CONTENT (ON DRIED BASIS) (USP) NOT LESS THAN 9.5% & NOT MORE THAN 11.5%</p> <p>ASSAY (ON DRIED BASIS) (Ph. Eur./USP/IP) BETWEEN 9.0 % TO 12.0 % OF AVAILABLE IODINE (I)</p> <p>ADDITIONAL TESTS (IN-HOUSE)</p> <p>PARTICLE SIZE (MICRONIZED) ~ 97 % PASSING THROUGH 100 MESH</p> <p>BULK DENSITY ~ 0.65 G/ML (APPROX.)</p>



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		ADDITIONAL: CUSTOMIZED AS PER BUYER REQUIREMENTS
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7	USES	: POVIDONE-IODINE IS A BROAD SPECTRUM ANTISEPTIC FOR TOPICAL APPLICATION IN THE TREATMENT AND PREVENTION OF INFECTION IN WOUNDS. MAY BE USED IN FIRST AID FOR MINOR CUTS, GRAZES, BURNS, ABRASIONS AND BLISTERS. REF .WIKIPEDIA
8	PACKING	: 25 KG. NET PLASTIC DRUMS & 25 KG. NET FIBER DRUMS WITH INNER LINER. 25 KG. NET UN APPROVED PLASTIC DRUMS – CLASS 9 UN 3077
9	SHELF LIFE	: EXPIRY DATE: THREE YEARS FROM DATE OF MANUFACTURING.
10	STORAGE	: STORE IN CLOSED CONTAINER IN COOL, DRY PLACE & PROTECT FROM LIGHT, HEAT DUST & OTHER CONTAMINANTS