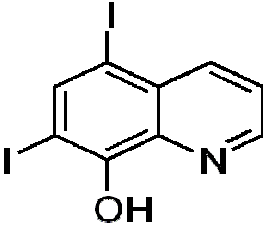




G. AMPHRAY LABORATORIES

Iodoquinol (Diiodohydroxyquinoline) USP CAS No. 83-73-8 $C_9H_5I_2NO$	Product Data Sheet Molecular Weight : 396.95
---	---

INFORMATION OF THE PRODUCT

Sr.No.	Information																											
1	Name of the Product	: Iodoquinol (Diiodohydroxyquinoline) USP																										
2	Structure	: 																										
3	Composition	: It is Quinoline derivative																										
4	Chemical Name (IUPAC)	: 8-quinoline,5,7 diiodo- or 5,7 diiodo-8-quiniline																										
5	Properties	: Amoebiasis																										
6	Specification	: <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Appearance</td> <td>A light yellowish to tan microcrystalline powder, is odorless or has a faint odor.</td> </tr> <tr> <td>Solubility</td> <td>Practically insoluble in water, sparingly soluble in alcohol & in ether.</td> </tr> <tr> <td colspan="2">Identification</td> </tr> <tr> <td>A) IR</td> <td>Infrared absorption : IR spectrum of sample is concordant with that of the reference standard</td> </tr> <tr> <td>B) Iodine test</td> <td>Violet vapors of iodine are evolved.</td> </tr> <tr> <td>Loss on drying</td> <td>Not more than 0.5 %</td> </tr> <tr> <td>Residue on Ignition</td> <td>Not more than 0.5 %</td> </tr> <tr> <td>Free Iodine and Iodide</td> <td>No violet color produced</td> </tr> <tr> <td></td> <td>Not more than 0.05 % of Iodide</td> </tr> <tr> <td>Assay (On dried basis)</td> <td>Between 96.0 % to 100.5 % of $C_9H_5I_2NO$</td> </tr> <tr> <td colspan="2">Additional tests (In-house)</td> </tr> <tr> <td>Particle size</td> <td>~ 100 % passing through 20 mesh</td> </tr> <tr> <td>Bulk density</td> <td>~ 0.28 g/ml (Approx.)</td> </tr> </table>	Appearance	A light yellowish to tan microcrystalline powder, is odorless or has a faint odor.	Solubility	Practically insoluble in water, sparingly soluble in alcohol & in ether.	Identification		A) IR	Infrared absorption : IR spectrum of sample is concordant with that of the reference standard	B) Iodine test	Violet vapors of iodine are evolved.	Loss on drying	Not more than 0.5 %	Residue on Ignition	Not more than 0.5 %	Free Iodine and Iodide	No violet color produced		Not more than 0.05 % of Iodide	Assay (On dried basis)	Between 96.0 % to 100.5 % of $C_9H_5I_2NO$	Additional tests (In-house)		Particle size	~ 100 % passing through 20 mesh	Bulk density	~ 0.28 g/ml (Approx.)
Appearance	A light yellowish to tan microcrystalline powder, is odorless or has a faint odor.																											
Solubility	Practically insoluble in water, sparingly soluble in alcohol & in ether.																											
Identification																												
A) IR	Infrared absorption : IR spectrum of sample is concordant with that of the reference standard																											
B) Iodine test	Violet vapors of iodine are evolved.																											
Loss on drying	Not more than 0.5 %																											
Residue on Ignition	Not more than 0.5 %																											
Free Iodine and Iodide	No violet color produced																											
	Not more than 0.05 % of Iodide																											
Assay (On dried basis)	Between 96.0 % to 100.5 % of $C_9H_5I_2NO$																											
Additional tests (In-house)																												
Particle size	~ 100 % passing through 20 mesh																											
Bulk density	~ 0.28 g/ml (Approx.)																											
7	Uses	: It is poorly absorbed from the gastrointestinal tract and is used as a luminal amebicide, used for diarrhea for unknown reason, amebiasis infection occurring outside the intestine.																										
8	Packing	: 25 kg net HDPE Drums with inner liner.																										
9	Shelf life	: Expiry Date: Five years from Date of manufacturing.																										
10	Storage	: Store in closed container in cool, dry place & protect from light, heat dust & other contaminants.																										