



瑾岚医药技术开发有限公司
 JINLAN PHARM-DRUGS TECHNOLOGY CO., LIMITED
 Hangzhou ROYAL Import & Export Co.,Ltd.

Certificate of Analysis

Name of Product:	Ethiodized Oil	Batch No.	RY180802
Manufacture date	2018-08-25	Expiry date	2019-08-24
Quantity	500kg	Standard	Enterprise Standard

Item	Specifications	Results
Appearance	A straw-colored or yellow oily liquid.	Conforms
Solubility	Freely soluble in acetone, chloroform, ether or petroleum. Spirit (boiling range, 40° to 60°C). Insoluble in water.	Conforms
Identification	Thermal test: Gently heat the product into red to brown, and generate violet vapor to make KI-starch test paper blue.	Positive Reaction
	TLC: The spot positions of Test Solution should be identical with that of Control Solution.	Identical
Specific gravity	1.280~1.293 (15°C)	Conforms
Viscosity	Dynamic viscosity: 50~100mPa·S (15°C)	Conforms
Acidity Value	Shows Pink (0.2ml 0.1mol/L NaOH)	Conforms
Free iodine	Not more than 0.05ml (0.1mol/L Na ₂ S ₂ O ₃)	Conforms
Color	≤ Y8# standard color solution	Conforms
UV Absorption	Abs@420nm, max 0.60	Conforms
	Abs@460nm, max 0.50	Conforms
Water	≤0.06%	0.03%
Ethanol	≤3000ppm	350ppm
Content of combined iodine	37.0~39.0% (g/g)	37.8%
Storage: should be kept in an atmosphere of nitrogen and protected from light. Stored at up to 25°C.		
Conclusion: All of the results conform to the In-house specification.		



Tested by: Esther

Checked by: Alice

Approved by: Micheal