



**湖北帝柏化工有限公司**  
HUBEI DIBO CHEMICAL INDUSTRY CO., LTD.

## Certificate Of Analysis

Name Of Product : **Boldenone Undecylenate**  
Batch # : 1803001  
Mfd. Date : 2018/2/15  
Shelf Life : 2021/2/14  
Quantity : 43.7kgs  
Packing : /

<u>TEST ITEMS</u>	<u>SPECIFICATION</u>	<u>RESULTS</u>
Appearance	Slight yellow oily liquid	Slight yellow oily liq.
Solubility	Almost insoluble in water, soluble in vegetable oil	onforms
Identification	IR, TLC	Positive
Assay	95.0%min	97.90%
Purity	97.0%min	98.30%
Water Content	0.5%max	0.39%
Specific Optical Rotation	+28~+35°	+29.6°
Volatile Impurities	0.5%max	0.41%
Residue On Ignition	0.1%max	0.06%
Free acid	0.5%max	0.22%
Density	1.020~1.035	1.031
Endotoxin Bacterium	Undetectable	Negative
Residual Solvents	Toluene: 890PPm max	Undetectable
	Pyridine: 200PPm max	<50PPm
	Methanol: 3000PPm max	<1000PPm
	Hexane: 290PPm max	<100PPm
	Acetic Acid: 5000PPm max	Undetectable
	Ethyl Acetate: 5000PPm max	Undetectable

**Conclusion : The specifications conform with JP15 standard**

Quality audit: CHEN

Inspector: LI XIAO

Analyst: WAGN XUEZHI