



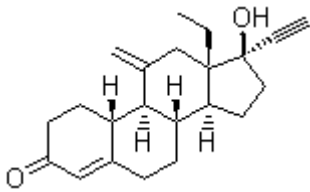
HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

## CERTIFICATE OF ANALYSIS

NO: DYC041710161

Product name	Etonogestrel
CAS Number	54048-10-1
Molecule Structure	
Molecule Formula	C22H28O2
Batch number	20170605
Manuf&Exp. Date	2017-06-05, 2019-06-04
Testing date	2017-06-07

Items	Standard	Result
Appearance	A white crystalline powder	A white crystalline powder
Identification	IR	Conforms
Loss on drying	0.5% max	0.2%
Residue on ignition	0.1% max	Conforms
The sum of impurities (HPLC)	2.0% max	0.12%
Individual impurity (HPLC)	0.5% max	conforms
Specific optical rotation	+800 ~ +900	+880
Heavy metals	20ppm	Conforms
Assay	98.0% ~ 102.0%	99.88%

Hangzhou Dingyan Chem Co., Ltd.  
QUALITY CONTROL: *Cristina* CHECK: 姚仙娟 INSPECTOR: 刘清风  
Quality Control Signature(s)

Add: Xiasha 571, 19TH Street E-COMMERCE 4A601-602, Jiangnan Area, Hangzhou, China