**CERTIFICATE OF ANALYSIS**

Product Name：**11-methylene-18-methyl-estra-4-ene-17-one(ethylone)**

CAS：

54024-21-4

20.0kg

Batch No：

Mfg Date：

Report Date:

201604018

2016.04.04

2016.04.18

Quantity：

Retest Date：

2017.04.03

**Item**

**Specification**

**Results**

Conforms

Conforms

0.04%

Appearance

White to light crystalline

Positive

Identification HPLC

Water

≤0.5%

Specific rotation

Isomer △ 3

+170°～+180°

≤5.0%

+178°

2.6%

Assay(HPLC)

Conclusion

95.0%～102.0%

99.7%

The product complies with In-house Standard.

Sealed and protected from light

Storage Condition

QC Manager:Liushan

Checker:lihuan

Analyst:huangyinghao