

# HANGZHOU THINK CHEMICAL CO., LTD.

ADD: ROOM 501-502, TOWER E, YUANJIAN BUILDING, YUANYANG INTERNATIONAL CENTER, HANGZHOU-310011, CHINA

## CERTIFICATE OF ANALYSIS

Product	(2 $\beta$ ,3 $\alpha$ ,5 $\alpha$ ,16 $\beta$ ,17 $\beta$ )-2,16-Dipiperidin-1-ylandrosta-3,17-diol ( Vecuronium Bromide Intermediate )		
CAS No.:	13522-16-2	Mfg. Date	2022/02/22
Batch No.:	20220222	Re Test Date	2024/02/21
Specification	In-house	Batch Weight	124 Kgs

Items	Specifications	Results
Description	White or off-white crystalline powder	Complies
Identification	IR & HPLC	Complies
Water	Not more than 0.5%	0.1%
Residue on ignition	Not more than 0.1%	0.06%
Loss on drying	Not more than 0.5%	0.1%
Single impurity	Not more than 1.0%	0.24%
Total impurities	Not more than 1.5%	0.55%
Residue solvents	Complies with the standard	Complies
Assay (Dried basis)	Not less than 99.0%	99.31%

**Conclusion: It Complies with the Enterprise's Standard.**

