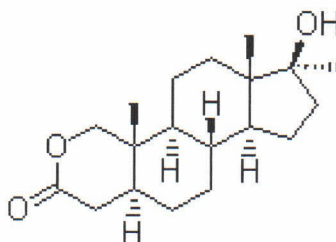


Oxandrolone USP40

Batch no 240401
Mf date Apr 08 2024
Expiry Apr 07 2027
Batch size 30-kg

Molecular Structure



Molecular Formula $C_{19}H_{30}O_3$
Molecular Weight 306.44
CAS Registry Number 53-39-4

May 07 2024

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White or off-white crystalline powder	White crystalline powder
Solubility	Practically insoluble in water; freely soluble in chloroform; sparingly soluble in alcohol & in acetone	Conforms
Identification	TLC, IR	Positive
Specific rotation	$-18 \sim -24^\circ$	-23.2°
Loss on drying (105°C, 3hours)	$\leq 1.0\%$	0.1%
Related substances	Compound A $\leq 0.1\%$ Compound B $\leq 0.3\%$ Compound C $\leq 0.5\%$ 17-epi-Oxandrolone $\leq 0.3\%$ Individual unknown impurity $\leq 0.1\%$ Total impurities $\leq 1.0\%$	0.05% 0.21% 0.25% 0.15% 0.05% 0.71%
Residue on ignition	$\leq 0.2\%$	0.06%
Assay (odb)	98.0 ~ 102.0% of $C_{19}H_{30}O_3$	98.8%

Packaging and storage	Preserve in well-closed, light-resistant containers
Conclusion	Material complies with USP40