

Certificate of Analysis

Product name:	Suvorexant	CAS No.:	1030377-33-3
Batch No.:	1068	Expiry Date	20181210
Manufacturing date:	20181211	Quantity:	5KG

Items	Specification	Analysis Result
Characteristics	Off white powder	confirm
Identification	1H NMR spectrum of sample	confirm
	The retention time of the major peak in the chromatogram of sample	confirm
Water	Not more than 20ppm	≤20ppm
Melting point	141℃~145℃	142℃~144℃
Individual impurity	≤0.15%	0.09%
Unspecified impurity	≤0.10%	0.05%
Total impurity	≤1.0%	0.32%
Isomer	Not more than 0.5%	0.38%
PSD	Not more than 100um	45um
Assay	98%~102.0%	99.8%
Conclusion:	Qualified.	

Tested by: Wu Yan Checked by: Huang Guoli Approved by: Xu Fei
Add: 1113 Modern Star, #337 Shaoxing Road, Hangzhou, China
Tel: 0086-571-85829052-801 Fax: 0086-571-85829053
Email: sales@royalpharms.com Http://www.royalpharms.com