

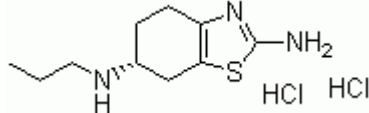


SHANGHAI YEEXIN BIOCHEM&TECH CO.,LTD

易信生物
Yeexin Biochem

上海易信生物科技有限公司

Certificate of Analysis

Product Name	Pramipexole dihydrochloride	Lot No.	20091001-API06
Molecular Formula	C ₁₀ H ₁₇ N ₃ S.2(HCl)	Quantity	2Kg
Molecular Weight	284.24	Manufacture Date	Oct 1th. 2009
CAS No.	104632-25-9	Test Date	Oct 16th. 2009
Molecular Structure			

Storage: Preserve in tight,light-resistant condition

Items	Nom. Value	Actual Value
Appearance	White to off white crystalline powder	White crystalline powder
Identification	FT-IR,HPLC,NMR,MASS	Conforms
Heavy metal	≤20ppm	Conforms
Loss on drying	≤1.0%	Conforms
Residue on ignition	≤0.1%	Conforms
Optical rotation	-62.0° ~-68.0°	Conforms
Single impurity	≤0.5%	Conforms
Total impurities	≤0.8%	Conforms
Assay (HPLC)	98.0%~102.0%	99.4%

Conclusion: This product by inspection accords with Eligibility

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