

ShangHai Biochempartner Co.,Ltd

ADD: room 345, No.8 ,Nanhu Road,Hongshan, Wuhan china

Web: <http://www.biochempartner.com/>

Tel:4000219906

E-mail:orders@biochempartner.com

Fax: +86(27)59239227

Certificate of Analysis

Quetiapine

Brand Name : Biochempartner

M. Wt: 883.10

Formula: C₂₆H₃₀N₂O₂S₂

Solubility: Freely soluble in Glacial acetic acid,
very slightly soluble in ethanol or methanol,
practically insoluble in water 1

Purity: >99%

Storage: Store at room temperature

Delivery Time: 3-5 business days

CAS No: 111974-72-2



Note: Products protected by valid patents are not offered for sale in countries where the sale of such products constitutes a patent infringement and its liability is at buyer's risk. This item is only for R&D purpose not for commercial business in kilos. Buyers should overview the patent issue in their countries.

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Batch NO. : 20120327		
Perform standard: In-house standard		
Item of analysis	Standard	Result of analysis
Assay (on dried basis)	98.0~101.0%	99.3%
Appearance	White or similar white Powder	Conforms
solubility	Freely soluble in Glacial acetic acid, very slightly soluble in ethanol or methanol, practically insoluble in water	Conforms
Identification	UV: The λ_{max} is 289nm,	Conforms
	IR: Should be conformed to reference spectrum	Conforms
	In related substances tested items, the product main solution retention time and should be controlled substance solutions retention time peak consistent	Conforms
PH	5.0-6.0	5.5
Related substance	Impurity B<0.13%	Negative
	Impurity C<0.13%	Negative
	Impurity D<0.13%	0.02%
	Max singer unknow impurity<0.10%	0.02%
	Total impurity<0.5%	0.05
Residue on ignition	Ethanol NMT 2000PPM	400PPM
	Toluene NMT 400PPM	35ppm
N,N-Dimethylaniline	NMT 20PPM	Negative
Loss on drying	NMT0.5%	0.3%
Heavey metal	NMT10ppm	8ppm
Ablaze burning scraps	NMT0.1%	0.05%

Conclusion: Complies with In-house standard.

QA manager :kexianxun

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