

# Jiaozuo Wanying Pharmaceutical Co. Ltd.

Tel:+ 86-391-3553810

Mobile:+ 86-18639124590

Email:tina20130617@gmail.com

## CERTIFICATE OF ANALYSIS

PRODUCT NAME	PIRACETAM	BATCH NO.	1303055A2
QUANTITY	1000KG	PACKAGE	25KGS/DRUM
MANUFACTURING DATE	MAR.05,2013	EXPIRY DATE	MAR.04,2018
SPECIFICATION	EP6	REPORT DATE	MAR.24, 2013

ATTRIBUTE	SPECIFICATION	RESULTS
<b>Appearance</b>	A white or almost white powder	White powder
<b>Solubility</b>	Freely soluble in water, soluble in ethanol(96percent)	Conforms
<b>Identification</b>		
<b>(1)A.IR</b>	IR spectra is in accordance with that of Piracetam CRS	Conforms
<b>Appearance of solution</b>	Clear and colorless	Conforms
<b>Related substances</b>	Impurity A,B,C,D : Each of them not more than 0.1%	Conforms
<b>(BY HPLC)</b>	Unspecified impurity : Each not more than 0.1%	Conforms
	Total impurity : Not more than 0.3%	Conforms
	Disregard limit : Not more than 0.05%	Conforms
<b>Heavy metals</b>	≤10ppm	Conforms
<b>Loss on drying</b>	≤1.0%	0.1%
<b>Sulphated ash</b>	≤0.1%	0.04%
<b>Residual solvent</b>	methanol≤0.03%	0.011%
<b>Assay</b>	98.0%~102.0%	100.3%
(on dried substance)		
<b>Microbial limit tests</b>	Bacteriums≤1000cfu/g	20 cfu/g
	Yeasts & Moulds ≤100cfu/g	10 cfu/g
	Escherichia Coli: Not to be found	Conform
	Mites: Not to be found	Conform
<b>Conclusion</b>	<b>It Conforms to EP6 standards.</b>	