杭州东瑞医药科技有限公司
HANGZHOU DAWN RAY PHARMACEUTICAL CO.,LTD.

CERTIFICATE OF ANALYSIS

PARACETAMOL

Batch No.: DR20130416	**Quantity:** 4000kg
Package Size: 25kg/drum	**Specification:** BP2012/USP35
Manufacture Date: 2013.04.16	**Expiry Date:** 2017.04.15

TESTS:

Items	Specification	Results
Appearance	White or almost white crystalline powder	A white crystalline powder
Identification	IR,UV,TLC	Conforms
Melting range	168~172℃	169.3~170.4℃
Water	≤ 0.5%	0.16%
Related substance	ImpurityJ(chloroacetanilide)not more than 10 ppm	1ppm
	Impurity K(4-aminophenol)not more than 50 ppm	3ppm
	Impurity F(4-nitrophenol)not more than 0.05%	Not detected
	any other impurity not more than 0.05%	0.042%
	Total of other impurity not more than 0.1%	0.042%
Residue on ignition	≤ 0.1%	0.07%
Chloride	≤0.014%	< 0.014%
Sulfate	≤ 0.02%	< 0.02%
Sulfide	Conforms	Conforms
Heavy metals	≤0.001%	< 0.001%
Free p—aminophenol	≤0.005%	< 0.005%
Limit of P—chloroacetanilide	≤ 0.001%	<0.001%
Readily carbonizable substances	Conforms	Conforms
Residual solvent	Residual content of acetic acid ≤0.5%	0.15%
Assay(anhydrous basis)	99.0%~101.0%	99.4%
Conclusion：The results conform with USP35/ BP2012		

Analyst: Joe Yu Checker: Agnes Zhong QA.Manager: Sun Wenhu

Add:1018 Guangyin Building No.42 E. Fengqi Road,Hangzhou,310012 China
Tel:+86-571- 85335020 Fax: +86-571- 85335020
E-mail: hdrpharm@gmail.com Website: http://hdrpharm.lookchem.com/