



产品检验报告

CERTIFICATE OF ANALYSIS

Product Name: Dexibuprofen
Exp. Date: 2016-08-04

Batch No.: 20140804
Packing : 25kg/drum

Mfg. Date: 2014-08-04
Standard: CP2010

Test Item	Analysis Specification	Result
Description	White crystalline power	white crystalline power
Identification	A: IR the spectrum is concordant with the spectrum of (S)-ibuprofen RS	Conforms
	B: The retention time of the principal peak is concordant with that of (S)-ibuprofen RS(HPLC)	Conforms
	C: Show two maximum absorption at 265nm and 273nm, two minimum absorption at 245nm and 271nm and a shoulder peak at 259nm.(UV)	Conforms
Melting point	50~54°C	50.9~51.7°C
Optical rotation	+55°~ +60°	+57.1°
Chloride	≤0.01%	<0.1%
Loss on drying	≤0.5%	0.03%
Residue on ignition	≤0.1%	0.01%
Heavy metals	≤10ppm	<10ppm
Residual solvents	Toluene not more than 800 ppm	3ppm
Related Substances	2-(4-butylphenyl)propionic acid <0.2%	Not detected
Assay (Dry Basis)	4-isobutylacetophenone <0.2%	Not detected
	Total impurities <0.7%	0.03%
	Any other individual impurity <0.2%	0.02%
	R-ibuprofen ≤1.5%	Conforms
	98.5%~101.0%	100.0%
Conclusion	Conform to CP2010	

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