



Career Henan Chemical Co.

Certificate of Analysis

PRODUCTNAME: DICLOFENAC DIEHYLAMINE	CAS:78213-16-8
BATCH NO.: 20180502	QUANTITY: 100KGS
MANUFACTURING DATE: MAY.04.2018	EXPIRY DATE: MAY.03.2022

ITEMS	STANDARD	RESULT
Appearance	White or slightly yellowish crystalline powder, slightly hygroscopic.	Conforms
Solubility	Sparingly soluble in water and in acetone, freely soluble in Methanol, Ethanol (96%); practically insoluble in 1 mol/l sodium hydroxide.	Conforms
Identify	(A) IR-Spectrum (B) TLC chromatogram	(A) Conforms (B) Conforms
Appearance of solution	Clear Absorption at 440nm max 0.05	Conforms 0.020
PH of 1% m/V solution in ethanol (10% V/V)	6.4-8.4	7.37
Clarity(5% w/V solution in methanol)	Clear	Conforms
Colour(5% w/V solution in methanol)	The absorbance measured at 440 nm is not greater than 0.05	Conforms
Sulphated substances	Not more than 0.1%	Conforms
Related substances	Single impurity max 0.2%; total impurity max 0.5%	0.02% 0.04%
Heavy metals	Max 10ppm	Conforms
Loss on drying	Max 0.50%	0.33%
Assay	99.0~101.0%	99.61%
Conclusion:	This product complies with the specifications	

Quality control:Dr Lian

Inspector: Xu

