

Certificate of Analysis

PRODUCT :	NEPAFENAC		
BATCH NO. :	190520	MFG. DATE	May.21.2019
QUANTITY :	1KG	EXP. DATE	May.20.2022

ITEM	STANDARD	RESULT
Characteristics	a yellow or light yellow crystalline powder	Light yellow crystalline powder
Individual impurity	$\leq 0.2\%$	- 0.06%
Total impurity	$\leq 0.5\%$	0.08%
Impurity A	$\leq 0.1\%$	Not found
Acetonitrile	$\leq 0.041\%$	Not found
Isopropanol	$\leq 0.5\%$	0.07%
Tetrahydrofuran	$\leq 0.072\%$	Not found
Dichloromethane	$\leq 0.06\%$	Not found
Loss on drying	$\leq 0.5\%$	0.10%
Sulphated ash	$\leq 0.1\%$	0.06%
Heavy metals	$\leq 0.002\%$	$\leq 0.002\%$
Assay	98.0%~101.5%	99.6%
Solubility : Freely soluble in Dimethyl sulfoxide, insoluble in water, sparingly soluble in tetrahydrofuran, slightly soluble in methanol and acetonitrile.		
Conclusion : conforms with enterprise standard		

QC checker: 郭外伟

Analysis: 郭外伟

