

**TAIZHOU CRENE CHEMPHARM CO., LTD.**

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Certificate of analysis

Product Name	Nelarabine	CAS No.	121032-29-9
Batch No.	20100216	Quantity	10g
MFG. Date	2010.02.16	EXP. Date	2012.02.15

TEST

Items	Specifications	Results
Appearance	White To Off White Powder	Conforms
Solubility	slightly soluble to soluble in water and melts with decomposition between 201° and 210°C.	Conforms
Identification	NMR,IR,HPLC	Conforms
Related Substances	Single Impurity $\leq 0.5\%$ Total impurities: $\leq 1.0\%$	0.22 % 0.78%
Loss On Drying	$\leq 1.00\%$	0.51 %
Residue On Ignition	$\leq 0.10\%$	0.09%
Heavy Metal	≤ 20 PPM	<20ppm
Assay	98.0-102 %	98.5 %

Conclusion: Complies with in house standard.**Analyst: Zhao****Checker: Liu****Q.C Director. Fang F**