



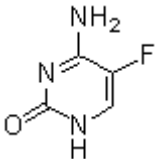
HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: **DYC1116070139**

Product Name	5-Fluorocytosine
CAS Number	2022-85-7
Molecular Structure	
Molecular Formula	C ₄ H ₄ FN ₃ O
Batch Number	20160815
Mfg&Exp Date	2016-08-15,2017-08-14
Test Date	2016-08-15

Items	Standard	Result
Appearance	White or off-white crystalline powder	Off-white crystalline powder
Cytosine(HPLC)	0.1%max	Complies
Fluorouracil(HPLC)	0.1%max	0.08%
Residue on Ignition	0.2%max	0.1%
Purity	98.5%min	99.8%
Any Other Individual Impurity	0.1%max	0.03%
Total Impurities(HPLC)	0.5%max	0.12%
Solubility	Sparingly soluble in water;Slightly soluble in alcohol;Practically in chloroform and in ether	Complies
IR	The infrared absorption spectrum of the sample must be concordant with the standard spectrum	Complies
Loss On Drying(at 105°C for 4hrs)	1.5% max	0.44%
Residue On Ignition	0.1% max	Complies
Heavy Metals	0.002% max	Complies
Fluorine Ions	0.05% max	Complies
Assay(HPLC)	98.5%-101%	98.54%

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jianggan Area,Hangzhou,China



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QUALITY CONTROL: *Melinda*
Quality Control
Signature(s)

CHECK:姚仙娟

INSPECTOR: 刘清风

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