



SHANGHAI HEALTHIN LIMITED COMPANY

HealthIn Your Life

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CERTIFICATE OF ANALYSIS

Product name: **Coluracetam**
Synonyms: N-(2,3-Dimethyl-5,6,7,8-tetrahydrofuro[2,3-b]quinolin-4-yl)-2-(2-oxopyrrolidin-1-yl)acetamide
Formula: $C_{19}H_{23}N_3O_3$

Chemical structure:

Molecular: 341.40
CAS number: 135463-81-9
Batch number: 20131201
Batch size: 3 kg
Quantity supplied: 1 kg
Date of production: December 01, 2013
Date of testing: December 01, 2013
Shelf life: 2 years from date of production
Storage: Keep container unopened in cool, dry place

ANALYSIS	SPECIFICATION	RESULT
Appearance:	Fine white crystalline powder	Complies
Identification:	Certified	Complies
Residue on Ignition	NMT 0.2%	0.08%
Loss on Drying	NMT 6.0%	5.0%
Heavy Metals(as Pb):	NMT 20 ppm	< 20 ppm
Single impurity:	NMT 0.1%	Complies
Assay(on dried basis):	NLT 99.0% by HPLC	99.3%