



武汉福鑫化工有限公司

Wuhan Fortuna Chemical Co.,Ltd

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CERTIFICATE OF ANALYSIS

Product: 5-Azacytosine

Mfg. date: Jan., 28, 2018

Exp. date: Jan., 27, 2020

Lot No.: 180128

Quantity: 50kg

Items	Specifications	Results
Appearance	White to off-white powder	White powder
Identification	IR spectrum should exhibits absorption bands about at 3384cm ⁻¹ , 3177cm ⁻¹ , 1629cm ⁻¹ , 1447cm ⁻¹ and 798cm ⁻¹	Complies
Loss on drying	≤0.5%	0.3%
Water	≤0.5%	0.25%
Residue on ignition	≤0.2%	0.10%
Heavy metals	≤20ppm	<20ppm
6-Methyl-5-azacytosine	≤1.0%	0
6-Amino-5-azacytosine	≤1.0%	0.20%
2,4-Diaminotriazine	≤0.8%	0
2,4,6-Traminotriazine	≤0.5%	0
Impurity at RRT 1.5	≤0.8%	0
All other impurities	≤0.2%	0
Purity	≥98.0%	99.84%
Assay	≥97.0%	99.1%
Conclusion	The product complies with the Enterprise Standard.	

QC: Luo Xiaofeng

Tester: AT03

Re-tester: AT02