



Certificate of analysis

Productname: Lomustine

Cas number: 13010-47-4

Molecular Formula: $C_9H_{16}ClN_3O_2$

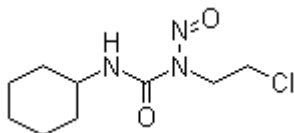
Molecular Weight: 233.69

Date of production: Mar. 11, 2018

Batch NO: 20180311

Exp Date: Mar. 09, 2020

Chemical structure:



Items	Specification	Results
Appearance	Light yellow crystalline powder	Complies
Solubility	Practically insoluble in water, freely Soluble in acetone and in methylene Chloride, soluble in alcohol(96%)	Complies
Identification	IR UV	Complies
Melting point	89 °C ~91 °C	89.1 °C ~90.5 °C
Loss on drying	Not more than 1.0%	0.38%
Related substances	Any other impurity $\leq 0.1\%$	0.08%
	Total other impurities $\leq 1.0\%$	0.95%
Chlorides	The solution complies with the limit test for chlorides	Complies
Assay	98.5% ~100.5%	99.05%

Conclusion: It complies with the BP2009 Standard

Analyst: Zhao

Checker: Liu

Q.C Director: Fang F