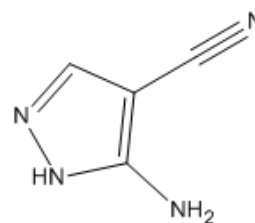


Certificate Of Analysis

Name: 3-Amino-4-pyrazolecarbonitrile
CAS No.: 16617-46-2
Cat No.: A3684
Batch No.: A08032018
Mfg.Date: 2018.03.08
Exp.Date: 2020.03.07



Items		Specifications	Results
Appearance		White or off-white crystalline powder	Off-white crystalline powder
Purity		98.0~102.0%	100.63%
Identification/IR		The spectrum of the sample corresponds to that of the reference standard.	Conforms
Loss on drying		≤0.5%	0.1%
Melting point (°C)		172~183°C	175.1-178.3°C
Related Substances / HPLC	Single impurity	≤0.1%	0.04%
	Total impurity	≤0.5%	0.10%
Conclusion		The product tested complies with the specifications.	

Storage condition: Store in a tightly closed container in a cool and dry place.

Checker:

** if you have any comments and suggestions, please contact us by sales@amadischem.com*