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CERTIFICATE OF ANALYSIS

Product Nam	ie:	2-Amino-6-chloropurine Chloroguanine)		Structure:	
Batch No:		20161027		N N	
CAS No:		10310-21-1		N I N	
Manu. Date:		Oct.27,2016		H ₂ N/ N/ N	
Report Date:		Oct.27,2016			
Expire Date		Oct.26,2018			
Item		Specification	Analysis Results		Conclusion
Appearance		White to yellow Solid	Light yellow solid		conform
Identification (HPLC)		Conforms to the RT of standard	Conforms to the RT of standard		conform
HPLC		≥ 97.0%	98.3%		conform
Identification (IR)		Conforms to the standard	Conforms to the standard		conform
Ash content		≦ 1.0%	0.04%		conform
Residual solvent		1,2-dichloroethane≤5ppm	ND		conform
Water content		≦ 0.5%	0.09%		conform
Guaine content		≤ 1.0% (w/w)	0.3%		conform
Impurity A, B, C, D, F, G		≤ 0.3%	Not detected		conform
Impurity E		≦ 0.1%	Not detected		conform
Other single impurity		≦ 0.3%	0.04%		conform
Total impurity		≦ 3.0%	0.4%		conform
Storage & Conclusion					
Storage	Sto	ore in a well-closed place with room temperature and no direct sun light.			
Conclusion	Qualified with the specification.				