



SHAANXI KINGSCI BIOTECHNOLOGY CO., LTD.

陕西康盛生物技术有限公司

Certificate of Analysis

Product Name	1,3,7,9-Tetramethyluric acid (Theacrine)	CAS No.	2309-49-1
Formula	C ₉ H ₁₂ N ₄ O ₃	Molecular Weight	224.09
Batch No.	20180626	Manufacture Date	Jun.26, 2018
Quantity	100kg	Expiry Date	Jun.25, 2020
Original			
ITEMS	SPECIFICATIONS	RESULTS	
Appearance	White to off-white crystalline powder	Complies	
Identification (H-NMR, LC-MC)	Conforms to Standard	Complies	
Purity (HPLC)	≥98.0%	99.7%	
Melting Point	227~232°C	227.2~229.9°C	
Loss on Drying	≤1.0%	0.18%	
Residue on Ignition	≤0.5%	0.15%	
NMR Spectrum	In accordance with the standard	Complies	
Mass Spectrum	In accordance with the standard	Complies	
Storage:	Store in cool & dry place, keep away from strong light and heat		
Shelf life:	24 months when properly stored		
QC	Wang Xianmei	QA	Li Yaqiang

