

Certificate of Analysis

Product name	DOTA		
Batch No.	RY20180625-01	CAS No.	60239-18-1
Mfg. Date	25 th ,June,2018	Exp. Date	24 th ,June,2019

Tests	Specifications	Result
Appearance	White to off-white powder	White powder
Identity	IR,HPLC	Complies
Solubility	Soluble in water,insoluble in methanolðanol	Complies
Water content	≤10.0%(W/W)	5.1%
Residue on ignition	≤0.2%(W/W)	0.09%
Total halogen	≤200ppm	Complies
Related substances	339002P01≤0.05%	ND
	339002P02≤0.05%	ND
	339002P03≤0.05%	ND
	339002P04≤0.05%	ND
	312301≤0.05%	ND
	The max unknow impurity≤0.05%	0.02%
Related substances 2	339001M03≤0.05%	ND
Total impurities	Include the related substances 1&2≤0.5%	0.04%
Assay	98.0%~102.0%(W/W)	99.9%
Conclusion : Conforms to In-house specification.		



Tested by: Alice

Checked by: Penny

Approved by: Michelle

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