

No.: BPAC-681-A-00/3.0

CERTIFICATE OF ANALYSIS

Product Name	Z-Thr(tBu)-OH·DCHA	CAS No.	16966-07-7
Batch No.	A010268119A	Mfg. Date	Feb. 18, 2019
Packing	25kg/Drum	Retest Date	Feb. 17, 2019
Quantity	100kg	Report Date	Feb. 23, 2019
Specification	98.0%(HPLC)		

ITEM	SPECIFICATION	RESULT
Appearance	White powder	Complies
Purity(HPLC)	≥98%	≥99.24%
Melting Point	140-150°C	147.2-147.4°C
Specific Rotation[α]_{20D}:	+9°±1°(C=1.2 in EtOH)	+8.2°(C=1.2 in EtOH)
Clarity of Solution	0.3 gram in 4ml MeOH clear solution	Complies
Water Content(K.F)	≤1.0%	0.28%
Loss on Drying	≤1.0%(70°C 2h)	0.04%
IR Spectrum	In accordance with the structure	Complies
Mass Spectrum	In accordance with the structure	Complies
NMR Spectrum	In accordance with the structure	Complies
Conclusion	Comply with the specification.	
Storage	Cool dry Place(<25°C)	

Analyst:

Reviewed by:

Approved by: