

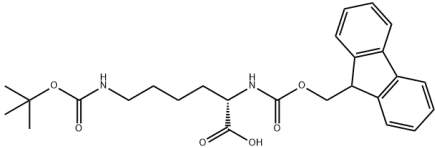


杭州泽尔瑞化学有限公司

HANGZHOU ZEERRUI CHEMICAL CO., LTD

Certificate of Analysis

COA No:ZER12003261

<b>Product Name</b>	Fmoc-Lys(Boc)-OH
<b>CAS No</b>	71989-26-9
<b>Molecular structure</b>	
<b>Molecular Weight</b>	468.54
<b>Batch No</b>	ZER200326
<b>Manufacturing date</b>	2020-03-26

Index Name	Specification	Result
Appearance	White powder	Conforms
Purity(HPLC)	99% min	99.68%
TLC	98% min	Conforms
Optical Purity	0.3% max D-enantiomer	0.062%
Melting Point	125-140°C	128.6-132.1°C
Specific Rotation $[\alpha]^{20}_D$	-12° ±2.5° (C=1 in DMF)	-12.3° (C=1 in DMF)
Clarity of solution	0.3 gram in 2ml DMF clear solution	Conforms
Kaiser Test	0.05% max	Conforms
Water Content(K.F.)	1.0% max	0.29%
Loss on drying	1.0% max (50°C,2h)	0.28%
Element analysis(C、H、N)	5.0% max	Conforms
IR Spectrum	In accordance with the structure	Conforms
Mass Spectrum	In accordance with the structure	Conforms
NMR Spectrum	In accordance with the structure	Conforms
Conclusion	Conforms to the standard of enterprise	

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CHIEF:

CHECK:



INSPECTION:

