



HANGZHOU DINGYAN CHEM CO., LTD  
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## CERTIFICATE OF ANALYSIS

NO: DYC051810122

Product name	L-Prolinamide
CAS Number	7531-52-4
Molecular Formula	C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O
Batch number	180705
Manuf. Date	2018-04-17
Test date	2018-04-24
Retest date	2019-12

Items	Standard	Result
Appearance	White to off-white solid	Conforms
Specific rotation[α] <sub>20</sub> /D (C=2,Ethanol)	-103.0° ~-109.0°	-106.1°
Water(K.F.)	≤1.0%	0.34%
Melting point	95~103°C	98.9°C
Purity(HPLC)	≥98%	99.38%
ee	≥99%	99.28%
Conclusion: The product conforms to the standard.		

QUALITY CONTROL:   
Quality Control  
Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风