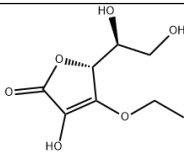




杭州海蓝化工有限公司  
HANGZHOU HAILAN CHEMICAL CO.,LTD

CERTIFICATE OF ANALYSIS

COA No.:08202508281

Product Name	3-O-Ethyl-L-ascorbic acid
CAS Registry number	86404-04-8
Structure	
MF & MW	C <sub>8</sub> H <sub>12</sub> O <sub>6</sub> & 204.18
Batch number	202506201
Date of manufacture	20250620

Index Name	Specifications	Results
Appearance	Light yellow to white crystalline powder	Complies
Melting range	111.0~116.0℃	115.0℃
IR	Should be consistent with that of the reference product	Complies
HPLC	The retention time of the main peak of the test solution should be the same as that of the control solution	Complies
Clarity of solution	Should be clear	Clear
PH (3% solution in water)	3.5~5.5	3.9
Loss on drying	2.0%max	0.2%
Pb	10ppm max	Complies
As	2ppm max	Complies
Hg	1ppm max	Complies
Cd	5ppm max	Complies
Residual VC	10ppm max	ND
Total bacterial	200cfu/g max	<10cfu/g
Molds and Yeast Count	100cfu/g max	ND
Thermotolerant Coliforms	Negative	ND
Staphylococcus aureus	Negative	ND
P.Aeruginosa	Negative	ND
Purity	99.0%min	99.8%
Conclusion	Meets the Enterprise requirements	
QA	Xiang zhongbiao	QC Zhengyi

HANGZHOU HAILAN CHEMICAL CO.,LTD.  
QUALITY CONTROL DEPARTMENT