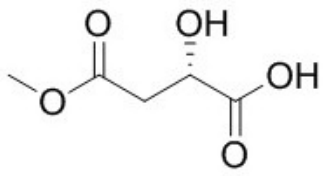
Certificate of Analysis

Information		Structural formula
Product No.	ZC02493	
Lot No.	ZC202502	
Product	Malic acid 4-Me ester	
CAS No.	66178-02-7	
M. F.	C5H8O5	
M. W.	148.1	
Package	20 mg	
Shelf life	Two years	

Test Items and Results			
Test Items	**Specifications**	**Test Results**	**Remark**
Appearance	Powder	Conforms	
Purity	>=98%	Conforms	HPLC
NMR or MS	Comply with the structure	Conforms	NMR
Conclusion	Conforms to enterprise standards.		

Warm Notice	
Storage:	Keep tightly sealed and dry; store at 2-8°C, avoid light.
Use:	Freshly preparing the solution before using. For lab research use only and can't be used for human
If any quality problem, please contact us within 15 days after receiving.	

Auditor: **Test Date:** 2026-11-02