



### CERTIFICATE OF ANALYSIS

Product	D-chiro Inositol				
Batch No.	220311	Batch Quantity	540KG		
Manufacture Date	2023/03/11	Expiry Date	2025/03/10		
Specification	AMN22	CAS No.	643-12-9		
<b>Items &amp; Result</b>					
<b>Item</b>	<b>Spec.</b>		<b>Result</b>		
Characters	White or off white crystals or crystalline powder		White crystalline powder		
Solubility	Soluble in water		Complies		
Loss on drying	≤0.5%		0.07%		
Ash	≤0.1%		0.08%		
Heavy metal	≤10ppm		<10ppm		
Purities (HPLC-ELSD,%)	≥98%		100.47%		
Optical activity[α] <sup>20</sup> <sub>D</sub>	+63-67° , c=1.0 in H <sub>2</sub> O		+65.02		
Melting point(°C)	230		Complies		
Assay (HPLC-ELSD,%)	≥99.0%		99.8%		
Other sugars (HPLC-ELSD,%)	≤1.0%		0		
<b>Conclusion:</b> : Conform to AMN22.					
Storage: Cool & dry place. Keep away from strong light and heat.					
Analyst	马亮	Review	刘爱琴	Supervisor of QC	李敏