

Certificate of analysis

5-Aminolevulinic Acid Hydrochloride

CAS No.	5451-09-2	Code	BIOJAMN001
Batch No	5-ALA-H231018	Manufacture Date	Oct.18, 2023
Expiry Date	Oct.17, 2025	Quantity	1Kg

Testing Items	Specifications	Results
Appearance	Almost white powder	Complies
Identification	Retention time of HPLC	Complies
	HNMR	Complies
Loss on drying	$\leq 1.0\%$	0.28%
Melting point	155°C~157°C	156.1°C
Residue on ignition	$\leq 0.5\%$	Complies
Heavy metals	$\leq 20\text{ppm}$	Complies
Iron	$\leq 20\text{ppm}$	Complies
Assay	98.0%~102.0%	98.51%
Conclusion	This product conforms to In-house standard	

***Storage Condition: Store at 0~8°C, Protect from moisture**