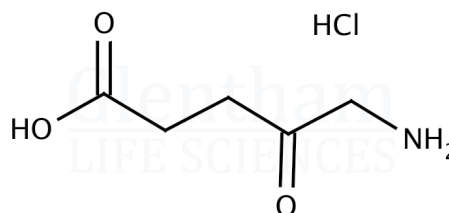


Certificate of Analysis

Product Name	5-Aminolevulinic acid hydrochloride
Glenthams Code	GM8475
CAS Number	5451-09-2
EINECS	226-679-5
MDL Number	MFCD00012869
PubChem SID	310266602
Additional CAS	106-60-5
Batch Number	561SRO

Molecular Weight	167.59
Molecular Formula	$C_5H_9NO_3 \cdot HCl$
Storage Temp.	-20°C



Property	Specification	Batch 561SRO
Physical Description	White to off-white crystalline powder	White crystalline powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in water)	Clear to faintly turbid, colourless to very pale yellow solution	Clear, colourless solution
Melting Point	$\geq 150.0^{\circ}C$	154.4°C
Loss on Drying	$\leq 1.0\%$	0.3%
Assay	$\geq 99.0\%$	100.7%

Specification Version	v1.2
Manufacture Date	2024-09-24
Re-Test Date	2032-10-09

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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