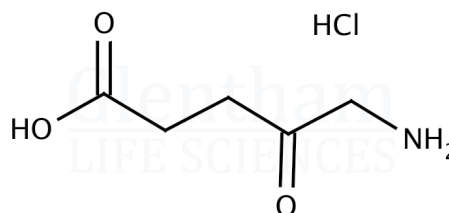


Certificate of Analysis

Product Name	5-Aminolevulinic acid hydrochloride
Glentham Code	GM8475
CAS Number	5451-09-2
EINECS	226-679-5
MDL Number	MFCD00012869
PubChem SID	310266602
Additional CAS	106-60-5
Batch Number	715TWV

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



Property	Specification	Batch 715TWV
Physical Description	White to off-white crystalline powder	Off-white crystalline powder
Solubility (5% in water)	Clear to faintly turbid, colourless to very pale yellow solution	Faintly turbid, colourless solution
Melting Point	$\geq 150.0^{\circ}C$	153.5 - 155.2 °C
Loss on Drying	$\leq 1.0\%$	0.31%
Assay	$\geq 99.0\%$	99.1%

Specification Version	v1.1
Manufacture Date	2019-02-23
Re-Test Date	2027-05-24

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

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