

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	21778
<b>Product</b>	<b>5-Amino-4-oxovaleric acid methyl ester</b>
<b>Lot Number</b>	002292-20210412
	5-Aminolevulinic acid methyl ester hydrochloride
	5-Amino-4-oxopentanoic acid methyl ester hydrochloride
<b>CAS Number</b>	79416-27-6
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>11</sub> NO <sub>3</sub> •HCl
<b>Molecular Weight</b>	181.62

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<b>Appearance</b>	Almost white powder
<b>Melting Point</b>	121.2 °C
<b>Heavy Metals</b>	< 20 ppm
<b>Cation</b>	Iron : < 20 ppm
<b>Loss on Drying</b>	0.3%
<b>Residue On Ignition</b>	< 0.5%
<b>Purity by HPLC</b>	98.31%
<b>Storage</b>	Store at 0 - 8 °C
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager