## **Chem-Impex International, Inc.**

Tel: (630) 766-2112 E-mail: sales@chemimpex.com Shipping and Correspondence: 935 Dillon Drive Wood Dale, IL 60191 Fax: (630) 766-2218 Web site: www.chemimpex.com Manufacturing site: 825 Dillon Drive Wood Dale, IL 60191

## Certificate of Analysis

Catalogue Number	02623
Product	Acetyl-L-methionine
Lot Number	002781-20220214
	Ac-L-Met-OH
CAS Number	65-82-7
Molecular Formula	C7H13NO3S
Molecular Weight	191.2
Appearance	White crystalline to crystalline powder
Heavy Metals	< 10 ppm (as Pb)
Cation	Arsenic $(As_2O_3) : < 2 \text{ ppm}$
рН	2.5
<b>Optical Rotation</b>	$[a]_D{}^{20} = -21.75 \circ (C=1 \text{ in water})$
Loss on Drying	0.4%

Heavy Metals	< 10 ppm (as Pb)
Cation	Arsenic $(As_2O_3) : < 2 \text{ ppm}$
рН	2.5
<b>Optical Rotation</b>	$[a]_D^{20} = -21.75 \circ (C=1 \text{ in water})$
Loss on Drying	0.4%
<b>Other Amino Acids</b>	Not detected
<b>Residue On Ignition</b>	0.06%
Purity by HPLC	99.5%
Storage	Store at RT
<b>Additional Information</b>	State of solution : 99.1%
Remarks	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

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Bala Kumar Quality Control Manager