

Chem-Impex International, Inc.

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Manufacturing site:

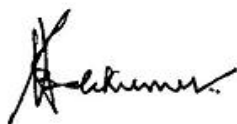
825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

| | |
|------------------------------------|--|
| Catalogue Number | 12238 |
| Product | Z-DL-methionine |
| Lot Number | 000911-311102171 Z-DL-Met-OH |
| CAS Number | 4434-61-1 |
| Molecular Formula | C ₁₃ H ₁₇ NO ₄ S |
| Molecular Weight | 283.4 |
| <hr/> | |
| Appearance | White to off-white powder |
| Melting Point | 113-114 °C |
| Water Content (Karl Fisher) | 0.1% |
| Purity by HPLC | 99.9% |
| Storage | Store at 0-8 °C |
| Additional Information | Single impurity = 0.1% |
| 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



Bala Kumar
Quality Control Manager