

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	32802
Lot Number	000706-0000055319
Product	Leupeptin Ac-Leu-Leu-Arg-aldehyde · sulfate salt
CAS Number	103476-89-7
Molecular Formula	$2C_{20}H_{38}N_6O_4 \cdot H_2SO_4$
Molecular Weight	951.2

Appearance	White powder
Water Content (Karl Fisher)	< 5%
Optical Rotation	$[\alpha]_D^{20} = -77^\circ$ (C=1 Water)
Peptide Content	N : > 85%
Purity by HPLC	> 97%
Storage	Store at $\leq -10^\circ C$
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