

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	04921
Lot Number	518236
Product	3-Amino-L-tyrosine•2HCl

m-NH₂-L-Tyr-OH•2HCl

CAS Number	23279-22-3
Molecular Formula	C ₉ H ₁₂ N ₂ O ₃ •2HCl
Molecular Weight	269.13

Appearance	Grey powder
Solubility	Clear, colorless solution (5 mg/mL in Methanol)
Melting Point	156 °C
Anion	Chloride (Cl ⁻): 24.3%
Water Content (Karl Fisher)	6.4%
TLC System	n-Butanol/Acetic acid/H ₂ O (4:2:2) Ethyl acetate/Pyridine/Acetic acid/H ₂ O (60:60:12:36) Chloroform/Methanol/Acetic Acid/H ₂ O (60:45:14:6) Plate: Silica gel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Assay	68.1%
Purity by TLC	> 98%
Storage	Store at 0-8°C

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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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager