

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	21798
Lot Number	000156-0000011677
Product	L-Kynurenine L-2-Amino-3-(2-aminobenzoyl)propionic acid β -Anthraniloyl-L-alanine
CAS Number	2922-83-0
Molecular Formula	C ₁₀ H ₁₂ N ₂ O ₃
Molecular Weight	208.22

Appearance	Light yellow powder
Solubility	Yellow solution (50 mg/mL in 0.5 mol/L HCl)
Turbidity	1.3 NTU (50 mg/mL in 0.5 mol/L HCl)
Water Content (Karl Fisher)	3.6%
TLC System	25 mg in 20 mL water; Propanol/Ammonia/Water (8:1:1); UV 254 nm, ninhydrin
Optical Rotation	$[\alpha]_D^{20} = -31.7^\circ$ (C=0.4 in water; calculated on dry basis)
Infrared Spectrum	Conforms to structure
Assay by titration	98.7% (Anhydrous basis)
Purity by TLC	Corresponds to reference
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