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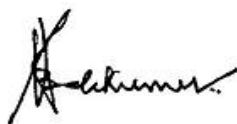
825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	08894
Product	Lvs-Lvs-OH•2HCl
Lot Number	000127-1000012484
	L-Lysyl-L-lysine dihydrochloride
CAS Number	52123-30-5
Molecular Formula	C ₁₂ H ₂₆ N ₄ O ₃
Molecular Weight	274.36
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Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in water)
Water Content (Karl Fisher)	0.3%
TLC System	Isopropanol : Ammonia conc. 1:1 n-Butanol : Acetic acid : Water 4:2:3 2-Butanol : Pyridine : Water 7:7:6 Plate : Silica gel 60 F254 Detected by : UV, Ninhydrin, Chlorine-tolidine
Titration	20.4% (Chloride content)
Assay	78.5% (Nfd : 16.02% Elemental analysis)
Purity by TLC	> 99%
Storage	Store at < -10 °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