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Product Specifications

Catalogue Number	03374
Product	DL-δ-Hydroxy-DL-lysine hydrochloride DL-d-Hydroxy-DL-Lys-OH•HCl (R,S)-2,6-Diamino-5-hydroxyhexanoic acid hydrochloride
CAS Number	13204-98-3
Molecular Formula	C ₆ H ₁₄ N ₂ O ₃ ·HCl
Molecular Weight	198.7

Appearance	White powder
Solubility	Clear colorless solution (50 mg/mL in water)
Melting Point	221 - 223 °C
Water Content (Karl Fisher)	≤ 1.0%
TLC System	n-Butanol/Acetic acid/Water 4/2/2 Isopropanol/Ammonia conc. 1/1 Methanol/Chloroform/Ammonia 17% 2/2/1 Plate : Silicagel 60 F ₂₅₄ Detected by : UV, ninhydrin, chlorine-tolidine
Related Substances	≤ 0.5%
Titration	Chloride content : ≤ 18%
Assay	≥ 98% (Nth 14.10% by Elemental Analysis)
Purity by TLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only