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Product Specifications

Catalogue Number	03436
Product	<i>N</i>^ε-(trimethyl)-L-lysine chloride H- <i>N</i> ^ε -(trimethyl)-L-lysine chloride
CAS Number	55528-53-5
Molecular Formula	C ₉ H ₂₁ ClN ₂ O ₂
Molecular Weight	224.73

Appearance	White powder
Elemental Analysis (Theory)	C = 41.2 ± 0.5%, H = 8.9 ± 0.5%, N = 10.6 ± 0.5% (Calc. x 0.07 H ₂ O (0.5%) x 1 HCl (13.9%))
Water Content (Karl Fisher)	≤ 0.5%
TLC System	n-butanol/Acetic Acid/H ₂ O (4:2:2) Chloroform/Methanol/Acetic Acid 32% (5:3:1) Methanol/Chloroform/Ammonia 17% (2:2:1) plate: silicagel 60 F ₂₅₄ Detected by : UV, ninhydrin, chlorine-tolidine
Titration	Chloride : ≤ 27% (AgNO ₃)
Purity by TLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only