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Certificate of Analysis

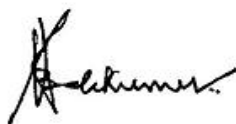
Catalogue Number	04318
Lot Number	000201-5054
Product	2-Chlorotrityl chloride

2-Chlorotriphenylmethyl chloride

CAS Number	42074-68-0
Molecular Formula	C ₁₉ H ₁₄ Cl ₂
Molecular Weight	313.22

Appearance	White crystalline powder
Solubility	Clearly soluble (1 g in 4 mL Dichloromethane)
Melting Point	134-136 °C
Water Content (Karl Fisher)	0.1%
TLC System	Chloroform/Ethyl acetate (9:1) Hexane/Ethyl acetate (4:1)
Infrared Spectrum	Conforms to structure
Residual Solvents	Not detected
Assay	101%
Purity by TLC	> 98.0%
Storage	Store at 0-8 °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