

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

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## *Certificate of Analysis*

**Catalogue Number** 04831  
**Lot Number** 000201-4554-A  
**Product** **4-Methoxytriphenylmethyl chloride**

4-Methoxytrityl chloride

MMT-Cl

**CAS Number** 14470-28-1

**Molecular Formula** C<sub>20</sub>H<sub>17</sub>ClO

**Molecular Weight** 308.81

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**Appearance** Slightly brown crystalline powder

**Solubility** Clear solution (0.5 mmol in 1 ml DMF)

**Melting Point** 120-121 °C

**Stability** The product absorbs moisture and becomes dark in color and not usable. Store and ship under nitrogen.

**TLC System** Chloroform/Methanol/Acetic acid (90:8:2)

**Infrared Spectrum** Conforms to structure

**Assay** 102%

**Purity by TLC** > 98%

**Application** Reagent for the selective protection of alcohols.

**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**



**Bala Kumar**  
**Quality Control Manager**