Chem-Impex International, Inc.

Tel: (630) 766-2112 Fax: (630) 766-2218

E-mail: sales@chemimpex.com Web site: www.chemimpex.com

Shipping and Correspondence: Manufacturing site:

935 Dillon Drive
Wood Dale, IL 60191

825 Dillon Drive
Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 01410

Lot Number 002290-010323

Product 4-Methylumbelliferyl-\(\beta\)-glucuronide

MUG

7-(4-Methylcoumaryl)-β-D-glucopyranosiduronic acid hydrate

CAS Number6160-80-1Molecular Formula $C_{16}H_{16}O_9$ Molecular Weight352.3

Appearance White crystalline powder

Solubility Clear colorless solution (5% in Water)

Water Content (Karl 11%

Fisher)

Related Substances Methylumbelliferone : 19 ppm

Purity by HPLC 99.27%

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