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-CERTIFICATE OF ANALYSIS-

Product: 4-Nitrophenyl-beta-D-glucuronide

Code No: BIM1203

CAS No: 10344-94-2

Formula: $C_{12}H_{13}NO_9$

Batch No: AS442082

Appearance: Off-white crystalline powder

Turbidity: 0.8% NTU (1% in water)

Water content: 4.9% (KF)

Specific Rotation $[\alpha]_D$: -110.9° (c=1 in water, 20°C)

Purity: 98.1% (HPLC)

p-nitrophenol: 0.002% (HPLC)

Identity: FT-IR spectrum conforms

Re-test date: February 19, 2016

Verified by: David Parton

Signed:

Date: 14th March 2014