

Analytical Data

Record: 140605 (Bulk * 621220) ; Date: 2014-9-10

Code: 23003-v Lot No: 630715

Compound: 2-[N-(7-Nitrobenz-2-Oxa-1,3-Diazol-4-yl)Amino]-2-Deoxy-L-Glucose
 (M. W. 342.26)

Appearance : Yellow powder

Thin Layer Chromatography : Single spot

Layer : Silica Gel 60(Merck)

Application : 50 μg

Solvent System : CH₃CN:H₂O=17:3

Detection : Sulfuric acid

*** Elemental Analysis**

Calcd. for C₁₂H₁₄N₄O₈ · 0.6H₂O

C, 40.82 ; H, 4.34 ; N, 15.87 %

Found C, 40.78 ; H, 4.28 ; N, 15.70 %

Peptide Institute, Inc.
 Quality Control Dept.

Nakata, M.

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Sample : 23003-v 2-NBDLG
 Sample Size : 0.5 μL (0.54 mg/ 108 μL- 85%CH₃CN/H₂O)
 Column : Tsk-gel AMIDE-80 5 μm (4.6 mm I.D. × 250mm)#K0735
 Eluent : A buffer : H₂O
 B buffer : CH₃CN
 Gradient : Acetonitrile 95% to 60% [25 min.]
 Flow Rate : 0.8 mL/min. ; Press. : 30 kg/cm² ; Temp. : 40°C
 Detection : CH.1 210 nm

