

Analytical Data

Record: 150395 (Bulk * 630512) ; Date: 2015-6-5

Code: 23002-v Lot No: 650511

Compound: 2-[N-(7-Nitrobenz-2-Oxa-1,3-Diazol-4-yl)Amino]-2-Deoxy-D-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 · 0.8H₂O

C, 40.41 ; H, 4.41 ; N, 15.71 %

Found C, 40.50 ; H, 4.30 ; N, 15.64 %

Peptide Institute, Inc.
 Quality Control Dept.

Nakata, M.

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Sample : 23002-v 2-NBDG
 Sample Size : 0.5 μL (0.5 mg/ 100 μL- 85%CH₃CN/H₂O)
 Column : Tsk-gel AMIDE-80 5 μm (4.6 mm I. D. × 250mm)#Y00155
 Eluent : A buffer : H₂O
 B buffer : CH₃CN
 Gradient : Acetonitrile 95% to 60% [25 min.]
 Flow Rate : 0.8 mL/min. ; Press. : 29 kg/cm² ; Temp. : 40°C
 Detection : CH.1 210 nm

