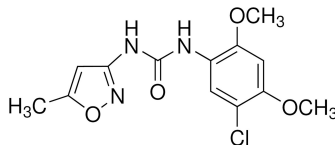


Certificate of Analysis

Product Name : PNU-120596 ≥98% (HPLC)
Product Number : P0043-BULK
Batch Number : 0000011706
CAS Number : 501925-31-1
Molecular Formula : C₁₃H₁₄ClN₃O₄
Formula Weight : 311.72
Quality Release Date : 29 Aug 2017



Test	Specification	Result
Appearance (Color)	White to Off-White	White
Appearance (Form)	Powder	Powder
Solubility (Turbidity)	Clear	Clear
Solubility (Color)	Conforms to Requirements	Colorless
Concentration	≥ 10.0 mg/ml	40.0 mg/ml
DMSO		
Purity (HPLC)	≥ 97.5 %	99.0 %
Identity	Confirmed	Confirmed
Water Content	≤ 2.0 mol	0.0 mol
Elemental Composition	Pass	Pass

Brendan Nye, QC Supervisor

Quality Control

Natick, Massachusetts

US