



Solumetrics Ltd

Finished Product Specification

Code: **PN01, PN02, PN03** CAS : **22767-49-3**
Description: **1-Pentane sulfonic acid sodium salt**
Reason For Issue: **New**

Date: **16/02/05**
Issue No: **1**
Supersedes: **N/A**

PURE PN01

Test No:	Description:	Specification:	Method No:
1	Assay	98.0% min	PN01/1
2	Water	<2%	PN01/2
3	Max absorbency 0.25M Aq Sol		PN01/3
	200 nm	<0.3 AU	
	210 nm	<0.2 AU	
	220 nm	<0.1 AU	
	230 nm	<0.075 AU	
	240 nm	<0.05 AU	
	250 nm	<0.05 AU	
	260 nm	<0.04 AU	

ULTRAPURE PN02

Test No:	Description:	Specification:	Method No:
1	Assay	98.0% min	PN02/1
2	Water	<2%	PN02/2
4	Max absorbency 0.25M Aq Sol		PN02/3
	200 nm	<0.1 AU	
	210 nm	<0.05 AU	
	220 nm	<0.04 AU	
	230 nm	<0.03 AU	
	240 nm	<0.01 AU	
	250 nm	<0.01 AU	
	260 nm	<0.01 AU	

MONO PN03

<u>Test No:</u>	<u>Description:</u>	<u>Specification:</u>	<u>Method No:</u>
1	Assay	99.0% min	PN03/1
2	Solubility 10% Aq Sol	Clear and Colourless	PN03/2
3	Solubility 0.4% Methanol	Clear	PN03/3
4	Loss on Drying	7-9%	PN03/4
5	Max absorbency 0.25M Aq Sol		
	200 nm	<0.1 AU	
	210 nm	<0.05 AU	
	220 nm	<0.03 AU	
	230 nm	<0.02 AU	
	240 nm	<0.01 AU	
	250 nm	<0.01 AU	

Age limitations: **Re-Test after 2 years**