



## Solumetrics Ltd

### Finished Product Specification

Code: **HX01, HX02, HX03**

CAS : 2832-45-3

Date: **16/02/05**

Description: **1-Hexane sulfonic acid sodium salt**

Issue No: **1**

Reason For Issue: **New**

Supersedes: **N/A**

#### **PURE HX01**

<u>Test No:</u>	<u>Description:</u>	<u>Specification:</u>	<u>Method No:</u>
1	Assay	98.0% min	HX01/1
2	Water	<2%	HX01/2
3	Max absorbency 0.25M Aq Sol		HX01/3
	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 HX02**

<u>Test No:</u>	<u>Description:</u>	<u>Specification:</u>	<u>Method No:</u>
1	Assay	98.0% min	HX02/1
2	Water	<2%	HX02/2
4	Max absorbency 0.25M Aq Sol		HX02/3
	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 HX03**

<u>Test No:</u>	<u>Description:</u>	<u>Specification:</u>	<u>Method No:</u>
1	Assay	99.0% min	HX03/1
2	Solubility 10% Aq Sol	Clear and Colourless	HX03/2
3	Solubility 0.4% Methanol	Clear	HX03/3
4	Loss on Drying	7-9%	HX03/4
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**