



# 武汉福鑫化工有限公司

Wuhan Fortuna Chemical Co.,Ltd

地址: 武汉市金桥大道107号凯信大厦2号楼2015-2016室

Address: Room 2015-2016, No.2 Building, Kaixin Mansion, No.107 Jinqiao Avenue, Wuhan, China.

Tel: +86-27-85767163, 59207850 Fax: +86-27-59524646 Zip code: 430013

Website: www.fortunachem.com E-mail: sales@fortunachem.com info@fortunachem.com

## Certificate of Analysis

Product Name: 2,3-Dimercapto-1-propanesulfonate Sodium Monohydrate (DMPS Monohydrate, Unithiolum)

Batch Number:	19083001	Date of Manufacture:	AUG 30, 2019
Batch Size:	10.11kg	Date of Expiry:	AUG 29, 2021
		Date of Analysis:	SEP 12, 2019

CAS#: 207233-91-8

Molecular Formula:  $C_3H_7O_3NaS_3 \cdot H_2O$

Molecular Wt.: 228.29

Items	Standard	Result
Characteristics	White or white-off microcrystalline powder with weak specific smell	Complies
Solubility	Freely soluble in water, almost insoluble in 95% ethyl alcohol, esters and chloroform	Complies
Identification	Positive reaction	Complies
Solution color	$\leq$ Brown 1 #	Complies
Clarity of solution	$< 1$ #	Complies
Sulphate ash	30.5 – 33.0%	31.1%
Heavy metals	$\leq 10$ ppm	$< 0.001\%$
Loss on drying	6.5 – 8.5%	8.0%
Residual solvent	Ethanol $\leq 0.5\%$	$< 0.02\%$
	Acetic acid $\leq 0.5\%$	N.D.
Assay (Titration)	$\geq 98.0\%$	99.2%
Conclusion: Complies state drug and food administration Standard. Injection Grade		

Q.C.:

Tester:

Re-tester: