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SPECIFICATION SHEET

Product Name	Dimercaptopropanesulfonic Sodium 99% Powder (DMPS)
CAS #	4076-02-2
TESTS	**SPECIFICATION**
ASSAY	
Assay (on dried basis)	≥98%
PHYSICAL CONTROL	
Appearance	White or off-white powder
Odor & Taste	Characteristic
Identification	Positive
Loss on drying	≤1%
Solubility	Freely soluble in water, almost non- soluble in 95% of Ethanol, aether or chlorform
Solution colority	Solution of 0.7g of substance in 10ml of water has to be colorless
Residue on ignition (Cauterant temperature <600°C	32.5%~34.5%
Related substance	<5%
CHEMICAL CONTROL	
Heavy Metal	≤10ppm
Lead	≤3ppm
Arsenic	≤1.5ppm
Cadmium	≤1ppm
Mercury	≤0.1ppm
RESIDUAL SOLVENT	
Ethanol	≤0.5%
Aetic acid	≤0.5%
MICROBIOLOGICAL CONTROL	
Total plate Count	≤3000cfu/g
Total Yeast & Mold	≤300cfu/g
Salmonella	Negative
Staphylococcus Aureus	Negative
E.Coli	Negative

Note: The above information is based on the specification sheet received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by : _____

Abdullah Malik (QA)