

" clyzo " - Monograph Comparison



clyzo

		AS PER	CURRENT USP 2022/EP11/J	IP18	
	Product Name	Manganese(II) Chloride 4-hydrate (USP) pharma grade	PanReac AppliChem	Issue Date	March-23
	Product Code	191410		Prepared by	Sr. Tech Lead
	CAS NO.	13446-34-9		Reviewed by	Manager Technical
	Manufacturer Name	PanReac AppliChem	1	Version no.	CLYZO/PAN/191410/01
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Sr. No.	Test	Manufacturer COA	Pharmacopeial Specifications		
		Complies USP	USP 2022	EP Version 11.0	JP 18
1	Descriprion	Pink Crystal	Large, irregular, pink, odorless, translucent crystals.	Product Not Official in European Pharmacopoeia	Product Not Official in Japanese Pharmacopoeia
2	Solubility	Soluble in water	Soluble in water and in alcohol; insoluble in ether.		
3	Identification 1	Should produce a white, curdy precipitate of silver chloride with silver nitrate TS, which is insoluble in nitric acid. After being washed with water, this precipitate should be soluble in a slight excess of 6 N ammonium hydroxide.	Should produce a white, curdy precipitate of silver chloride with silver nitrate TS, which is insoluble in nitric acid. After being washed with water, this precipitate should be soluble in a slight excess of 6 N ammonium hydroxide.		
4	Identification 2	With addition of ammonium sulfide TS, should form a salmon-colored precipitate which dissolves in acetic acid.	With addition of ammonium sulfide TS, should form a salmon-colored precipitate which dissolves in acetic acid.		
5	sulfate	NMT 0.005%	NMT 0.005%	1	
6	Iron	NMT 5 ppm	NMT 5 ppm]	
7	Zinc	No turbidity should be produced within 5 minutes	No turbidity should be produced within 5 minutes		
8	Insoluble matter	NMT 0.005%	NMT 0.005%	1	
	Substances not precipitated by ammonium sulfide	NMT 0.2% (as sulfate)	NMT 0.2% (as sulfate)		
9	pН	Between 3.5 and 6.0	Between 3.5 and 6.0	1	
10	Loss on drying	Between 36.0% and 38.5%	Between 36.0% and 38.5%		
	Assay (dried basis)	Between 98.0% and 101.0%	Between 98.0% and 101.0%	1	
	Elemental impurities		Not mentioned	1	
	Cd	NMT 10 ppm			
	Pb	NMT 10 ppm			
	As	NMT 1.5 ppm	1		
	Hg	NMT 10 ppm	1		
	со СО	NMT 30 ppm	1		
	V	NMT 100 ppm	1		
	Ni	NMT 20 ppm	1		
	Au	NMT 50 ppm	4		
12	Pd	NMT 10 ppm	4		
	Os	NMT 25 ppm	1		
	Rh	NMT 10 ppm			
	Ru	NMT 10 ppm	1		

	Se	NMT 150 ppm							
	Ag	NMT 15 ppm							
	Pt	NMT 50 ppm							
	Li	NMT 55 ppm							
	Sb	NMT 120 ppm							
	Ва	NMT 140 ppm							
	Мо	NMT 25 ppm							
	Cu	NMT 250 ppm							
	Cr	NMT 25 ppm							
14	Residual solvent	Passes the test	Not mentioned						
		Keep containers tightly closed in a dry, cool and well-ventilated place.	Preserve in tight containers						
Note - If you need any additional testing, you may use our Additional Testing Feature on the product page or contact your Clyzo reprensentive.									
	Disclaimer - The information above is solely for your consideration. We do not recommend or affirm the suitability for any specific end use. We suggest the users should research & verify the specifications in accordance with their intended usage.								