



# " clyzo " - Monograph Comparison



## AS PER CURRENT USP 2022/EP11/JP18

<b>Product Name</b>	Sodium Sulfite anhydrous (BP, Ph. Eur.) pharma grade		<b>Issue Date</b>	March-23
<b>Product Code</b>	191717		<b>Prepared by</b>	Sr. Tech Lead
<b>CAS NO.</b>	7757-83-7		<b>Reviewed by</b>	Manager Technical
<b>Manufacturer Name</b>	PanReac AppliChem		<b>Version no.</b>	CLYZO/PAN/191717/01

Sr. No.	Test	Manufacturer COA	Pharmacopeial Specifications		
		Complies (BP, Ph. Eur.)	USP 2022	EP Version 11.0	JP 18
1	Description	White powder or crystals.	Colorless crystals.	White or almost white powder.	White, crystals or powder. It is odorless. pH of 10% solution is about 10.0. It gradually changes in moist air
2	Solubility	Freely soluble in water, very slightly soluble in ethanol 96%	Freely soluble in water; very slightly soluble in alcohol.	Freely soluble in water, very slightly soluble in ethanol (96 per cent).	It is freely soluble in water, and practically insoluble in ethanol (95) and in diethyl ether.
3	Identification 1	Passes The Test	A pink color should be produced.	Sample solution should be slightly alkaline having pH between 8.0 and 10.0	Not mentioned
4	Identification 2 (Sulfite)	Passes The Test	Should yield sulfur dioxide which blackens filter paper moistened with mercurous nitrate	Should comply a white precipitate formation	1. Should comply by color of reagent fade 2. Should comply by a white turbidity formation wick gradually form a pale yellow precipitate
5	Identification 3 (Sodium)	Passes The Test	A dense precipitate should be formed.	Should comply a densewhite precipitate formation	1. Should impart yellow color during flame test. 2. Should comply by a white crystalline precipitate
6	Identification 4	Passes The Test	Not mentioned	It should comply with the limits of the assay.	Not mentioned
7	Appearance of solution	Passes The Test	Sample solution should be clear and colorless.	Sample solution should be clear and colourless	Not mentioned
8	Insoluble matter in H2O	Passes The Test	Not mentioned	Not mentioned	Not mentioned
9	Thiosulfate	NMT 0.1%	NMT 0.1%	NMT 0.1%	No turbidity should be produced.
10	Heavy metals	NMT 0.001%	Not mentioned	Not mentioned	NMT 20 ppm
11	Iron	NMT 0.001 %	NMT 10 ppm	NMT 10 ppm	Not mentioned
12	Selenium	NMT 0.001 %	NMT 10 ppm	Not mentioned	Not mentioned
13	Zinc	NMT 0.0025%	NMT 25 ppm	NMT 25 ppm	Not mentioned
14	Arsenic	Not mentioned	Not mentioned	Not mentioned	NMT 4 ppm
15	Assay	Between 95.0 % and 100.5 %	Between 95.0 % and 100.5 %	Between 95.0 % and 100.5 %	NLT 97 %
16	Residual metals		Not mentioned	Not mentioned	Not mentioned
	Pt	NMT 10 ppm			
	Pd	NMT 10 ppm			
	Ir	NMT 10 ppm			
	Rh	NMT 10 ppm			
	Ru	NMT 10 ppm			
	Os	NMT 10 ppm			
	Mo	NMT 25 ppm			
	Ni	NMT 25 ppm			
	Cr	NMT 25 ppm			
	V	NMT 25 ppm			
	Cu	NMT 250 ppm			
	Mn	NMT 250 ppm			
17	Residual solvents (Ph.Eur)	Passes The Test	Not mentioned	Not mentioned	Not mentioned
	Storage	Storage away from direct light	Preserve in tight containers. Store at room temperature.	In an airtight container, protected from light.	Containers—Tight containers.

Note - If you need any additional testing, you may use our Additional Testing Feature on the product page or contact your Clyzo representative.

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.