



" clyzo " - Monograph Comparison



AS PER CURRENT USP 2022/EP11/JP18

Product Name	Sodium Selenite anhydrous (Ph. Eur., BP) pharma grade		Issue Date	March-23
Product Code	192756		Prepared by	Sr. Tech Lead
CAS NO.	10102-18-8		Reviewed by	Manager Technical
Manufacturer Name	PanReac AppliChem		Version no.	CLYZO/PAN/192756/01

Sr. No.	Test	Manufacturer COA	Pharmacopeial Specifications		
		<i>Complies Ph. Eur., BP</i>	<i>USP 2022</i>	<i>EP Version 11.0</i>	<i>JP 18</i>
1	Description	White to yellowish powder	Product not official in USP pharmacopoeia	White or almost white, crystalline deliquescent powder.	Product not official in Japanese pharmacopoeia
2	Solubility	Soluble in water		Freely soluble in water, practically insoluble in ethanol (96 per cent).	
3	Identification 1	Passes The Test		Should comply by a red precipitate formation which may become black.	
4	Identification 2	Passes The Test		The solution should remain clear	
5	Identification 3	Passes The Test		Should comply by a dense white precipitate formation	
6	Identification 4	Passes The Test		Should complies with the limits of the assay.	
7	pH	Between 9.8 and 10.8		Between 9.8 and 10.8	
8	Appearance of solution	Passes The Test		Sample solution should be clear and colourless	
9	Chloride	NMT 0.005%		NMT 50 ppm	
10	Sulfate and Selenates (as SO4)	NMT 0.03 %		NMT 300 ppm	
11	Iron	NMT 0.005 %		NMT 50 ppm	
12	Loss on drying	NMT 0.5 %		NMT 0.5 %	
13	Assay	Between 98.5 % and 101.5 %		Between 98.5 % and 101.5 %	
14	Elemental Impurities			Not mentioned	
	Cd	NMT 2 ppm			
	Pb	NMT 5 ppm			
	As	NMT 5 ppm			
	Hg	NMT 5 ppm			
	CO	NMT 10 ppm			
	V	NMT 10 ppm			
	Ni	NMT 20 ppm			
	Tl	NMT 10 ppm			
	Au	NMT 10 ppm			
	Pd	NMT 10 ppm			
	Ir	NMT 10 ppm			
	Os	NMT 10 ppm			
	Rh	NMT 10 ppm			
	Ru	NMT 10 ppm			
	Se	NMT 15 ppm			
	Ag	NMT 15 ppm			
	Pt	NMT 10 ppm			
	Li	NMT 55 ppm			
	Sb	NMT 120 ppm			
	Ba	NMT 140 ppm			
	Mo	NMT 25 ppm			
	Cu	NMT 250 ppm			
	Sn	NMT 600 ppm			
	Cr	NMT 25 ppm			
15	Residual solvents (Ph.Eur)	Passes The Test	Not mentioned		
	Storage	Storage away from direct light	In an airtight container.		

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.