



" clyzo " - Monograph Comparison



AS PER CURRENT USP 2022/EP11/JP18

Sr. No.	Test	Pharmacopeial Specifications	
		USP 2022	EP Version 11.0
		Manufacturer COA <i>Complies USP, BP, Ph. Eur</i>	
		USP 2022	
		EP Version 11.0	
		JP 18	
1	Description	White crystalline powder	Colorless crystals or white, fine or coarse, crystalline powder. Has a cool, saline taste, and is somewhat hygroscopic.
2	Solubility	soluble in water	Freely soluble in water and in glycerin, and even more so in boiling water; sparingly soluble in alcohol
3	Identification 1	Passes The Test	Upon the addition of the sodium cobaltinitrite TS, a yellow precipitate should be formed
4	Identification 2	Passes The Test	A white, curdy precipitate should be formed. After addition of Ammonia it should dissolve readily
5	Appearance of solution	Passes The Test	Not mentioned
6	pH	Between 4.6 and 6.0	Between 4.6 and 6.0
7	Residue on ignition/Sulphated ash	NMT 0.1%	NMT 0.1%
8	Loss on drying	NMT 0.5%	NMT 0.5%
9	Thiocyanate	Passes The Test	No Orange red color should be produced
10	Acidity and alkalinity test	Passes The Test	Not mentioned
11	Bromides and iodides	Passes The Test	Not mentioned
12	Sulphates	NMT 0.005%	Not mentioned
13	Calcium	NMT 0.02%	Not mentioned
14	Iron	NMT 0.002%	Not mentioned
15	Phosphate	NMT 0.002%	Not mentioned
16	Heavy metals	NMT 0.001%	Not mentioned
17	Assay (dried basis)	Between 99.5% and 100.5%	Between 99.5% and 100.5%
18	Elemental Impurities	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	
	Zn	NMT 1300 ppm	
	Fe	NMT 1300 ppm	
	As	NMT 0.0001%	
	Cd	NMT 0.00005%	
Hg	NMT 0.00015%		
Pb	NMT 0.00005%		
19	Residual solvents	Passes The Test	Not mentioned
	Storage	Storage at room temperature	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 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.