



" clyzo " - Monograph Comparison



AS PER CURRENT USP 2022/EP11/JP18

Product Name	Purified Water (BP, Ph. Eur.) pure, pharma grade	 PanReac AppliChem ITW Reagents	Issue Date	March-23
Product Code	141074		Prepared by	Sr. Tech Lead
CAS NO.	7732-18-5		Reviewed by	Manager Technical
Manufacturer Name	PanReac AppliChem		Version no.	CLYZO/PAN/141074/01

Sr. No.	Test	Manufacturer COA	Pharmacopeial Specifications		
		Complies BP, Ph. Eur.	USP 2022	EP Version 11.0	JP 18
1	Description	Clear colorless liquid. pH between 5.5 and 7.5	Clear, colorless, odorless liquid.	Clear and colourless liquid.	A clear and colorless liquid, having no odor.
2	Solubility	Soluble in ethanol	NA	Not mentioned	Not mentioned
3	Acidity or alkalinity	Passes The Test	NA	The solution should not be coloured red or blue.	Not mentioned
4	Water conductivity	NMT 4.3 uS.cm-1	Should comply the test	Should comply the test	Should comply the test
5	Total organic carbon		NMT 500 ppb	NMT 500 ppb	NMT 500 ppm
6	Oxidisable substances	Passes The Test	The pink color of the solution should not disappear	The solution should remain faintly pink.	The red color of the solution should not disappear
7	Microbial contamination	(TAMC): NMT 100 cfu /g	Not mentioned	TAMC: 10 ² cfu/ml	TAMC: 10 ² cfu/ml
8	Residue on evaporation	NMT 0.001%	Not mentioned	NMT 0.001 %	Not mentioned
9	Ammonium	NMT 0.00002%	Not mentioned	NMT 0.2 ppm	NMT 500 ppb
10	Chlorides	Passes The Test	Not mentioned	The solution shows no change in appearance for at least 15 min.	Not mentioned
11	Sulfates	Passes The Test	Not mentioned	The solution shows no change in appearance for at least 1 hour	Not mentioned
12	Calcium and magnesium	Passes The Test	Not mentioned	A pure blue colour should be produced	Not mentioned
13	Nitrate	NMT 0.00002%	Not mentioned	NMT 0.2 ppm	Not mentioned
14	Heavy metals	NMT 0.00001%	Not mentioned	Not mentioned	Not mentioned
25	Aluminium	NMT 0.000001 %	Not mentioned	NMT 10 ppb	Not mentioned
16	Bacterial Endotoxins		Not mentioned	NMT 0.25 IU/ml	
17	Elemental impurities:		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			
	Mn	NMT 25 ppm			
	Ni	NMT 25 ppm			
	Cr	NMT 25 ppm			
	V	NMT 25 ppm			
	Cu	NMT 250 ppm			
	Mn	NMT 250 ppm			
	Fe	NMT 1300 ppm			
	Zn	NMT 1300 ppm			
18	Residual solvents (Ph.Eur)	Passes The Test	Not mentioned	Not mentioned	Not mentioned
	Storage	Store at room temperature	Where packaged, preserve in unreactive storage containers that are designed to prevent microbial entry.	NA	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.