



" clyzo " - Monograph Comparison



AS PER CURRENT USP 2022/EP11/JP18

Product Name	Vaseline Oil (USP, BP, Ph. Eur.) pure, pharma grade	 ITW Reagents	Issue Date	March-23
Product Code	141003		Prepared by	Sr. Tech Lead
CAS NO.	8042-47-5		Reviewed by	Manager Technical
Manufacturer Name	PanReac AppliChem		Version no.	CLYZO/PAN/141003/01

Sr. No.	Test	Pharmacopeial Specifications		
		Manufacturer COA	USP 2022	
		<i>Complies USP, BP, Ph. Eur.</i>	<i>EP Version 11.0</i>	<i>JP 18</i>
1	Description	Liquid, Clear, viscous, Colourless, Inmiscible with water.	Unctuous yellowish to light amber mass, having not more than a slight fluorescence even after being melted. Is transparent in thin layers. Is free or practically free from odor and taste.	
2	Solubility	Immiscible with water	Freely soluble in benzene, in carbon disulfide, in chloroform, and in turpentine oil; soluble in ether, in solvent hexane, and in most fixed and volatile oils; practically insoluble in cold and hot alcohol and in cold dehydrated alcohol; insoluble in water.	
3	Identification 1	Passes test	Not mentioned	
4	Alkalinity	Passes test	The solution should not acquire a pink color	
5	Acidity	Passes test	No pink or red color is formed	
6	Fixed oils, fats, and rosin	Between +24.8 and +25.3°	No oily or solid matter separates.	
7	Darkened substances by H2SO4	Passes test	Not mentioned	
8	Sulfur compounds	Passes test	Not mentioned	
9	Solid Paraffin	Passes test	NMT 0.25%	
10	Polynuclear hydrocarbon	Passes test	NMT 10 ppm	
11	Density (20°C)	Between 0.827 and 0.890	Not mentioned	
12	Density (25°C)	Between 0.845 and 0.905	Not mentioned	
13	Dynamic Viscosity	Between 110 to 230 mpas	Not mentioned	
14	Kinematic Viscosity	150 mm2/s	Not mentioned	
15	Organic impurities	NMT 0.05%	NMT 0.4 ml of 0.1N NaOH is required	
16	Color	NMT 0.5%	Sample should noty be darker than standard	
17	Melting Range	Between 99.0% and 100.5%	Between 38°C and 60°C	
18	Specific gravity	Not mentioned	Between 0.815 and 0.880	
19	Consistency	Passes test	Between 100.0 and 300.0	
20	Residue on ignition	Not mentioned	NMT 0.1%	
21	Residual solvent	Passes test	Not mentioned	
	Elemental Impurities		Not mentioned	
	Cd	NMT 25 ppm		
	Pb	NMT 25 ppm		

Product Not Official in European Pharmacopoeia

Product Not Official in Japanese pharmacopoeia

22

As	NMT 25 ppm		
Hg	NMT 25 ppm		
CO	NMT 25 ppm		
V	NMT 25 ppm		
Ni	NMT 25 ppm		
Tl	NMT 25 ppm		
Au	NMT 25 ppm		
Pd	NMT 25 ppm		
Ir	NMT 25 ppm		
Os	NMT 25 ppm		
Rh	NMT 25 ppm		
Ru	NMT 25 ppm		
Se	NMT 25 ppm		
Ag	NMT 25 ppm		
Pt	NMT 35 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		
Storage	Storage away from direct light.	Preserve in well-closed 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.