



" clyzo " - Monograph Comparison



AS PER CURRENT USP 2022/EP11/JP18

Product Name	Siliceous Earth purified and calcined (USP-NF) pure, pharma grade		Issue Date	March-23
Product Code	142475		Prepared by	Sr. Tech Lead
CAS NO.	91053-39-3		Reviewed by	Manager Technical
Manufacturer Name	PanReac AppliChem		Version no.	CLYZO/PAN/142475/01

Sr. No.	Test	Manufacturer COA		Pharmacopeial Specifications	
		Complies USP	USP 2022	EP Version 11.0	JP 18
1	Description	White to light grey powder	Very fine, white, light gray, or pale buff mixture of amorphous powder and lesser amounts of crystalline polymorphs, including quartz and cristobalite. Is gritty, readily absorbs moisture, and retains about four times its weight of water without becoming fluid.	Product Not Official in European Pharmacopoeia	Product Not Official in Japanese Pharmacopoeia
2	Solubility	Insoluble in water	Insoluble in water, in acids, and in dilute solutions of the alkali hydroxides		
3	Identification 1	Not mentioned	Not mentioned		
4	pH	Between 5.0 and 10.0	Not mentioned		
5	Water soluble substances	NMT 0.2%	NMT 0.2%		
6	Acid Soluble substances	NMT 2.05	NMT 2.0%		
7	Non siliceous substances	NMT 25.0%	NMT 25.0%		
8	Chloride	NMT 0.01%	Not mentioned		
9	Leachable Iron	NMT 0.04%	Not mentioned		
10	Heavy metals	NMT 0.005%	Not mentioned		
11	Leachable Lead	NMT 10 ppm	NMT 10 ppm		
12	Leachable Arsenic	NMT 10 ppm	NMT 10 ppm		
13	Loss on ignition	NMT 2.0%	NMT 2.0%		
14	Loss on drying	NMT 0.5%	NMT 0.5%		
15	Elemental Impurities	No elemental impurities present	Not mentioned		
16	Residual solvent	Passes the test	Not mentioned		
	Storage	Store at room temperature	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.