" clyzo " - Monograph Comparison

AS PER CURRENT USP 2022/EP11/JP18

	Product Name	**SDS (USP-NF, BP, Ph. Eur.) pure, pharma grade**	PanReac AppliChem ITW Reagents	**Issue Date**	March-23
	Product Code	142363		**Prepared by**	Sr. Tech Lead
	CAS NO.	151-21-3		**Reviewed by**	Manager Technical
	Manufacturer Name	**PanReac AppliChem**		**Version no.**	CLYZO/PAN/142363/01

Sr. No.	Test	Manufacturer COA	Pharmacopeial Specifications		
		Complies USP-NF, BP, Ph. Eur.	*USP 2022*	*EP Version 11.0*	*JP 18*
1	Description	White crystalline powder	Small, white or light yellow crystals having a slight, characteristic odor.	White or pale yellow, powder or crystals	White to light yellow, crystals or powder. It has a slightly characteristic odor.
2	Solubility	Soluble in water	Freely soluble in water, forming an opalescent solution.	Freely soluble in water giving an opalescent solution, partly soluble in ethanol (96%)	It is sparingly soluble in ethanol (95%). 10% solution is a clear or an opalescent solution.
3	Identification 1	Passes Test	The infrared absorption spectrum obtained with sample should be concordant with spectrum obtained with SDS reference standard/working standard	The infrared absorption spectrum obtained with sample should be concordant with spectrum obtained with SDS reference standard/working standard	The infrared absorption spectrum obtained with sample should be concordant with spectrum obtained with SDS reference standard/working standard
4	Identification 2	Passes Test	Should comply by a white crystalline precipitate formation	Should comply by a white crystalline precipitate formation	Should comply by a white crystalline precipitate formation
5	Identification 3	Passes Test	Should comply by a white crystalline precipitate formation	Should comply by a white crystalline precipitate formation	Should comply by a white precipitate formation
6	Identification 4	Passes Test	Not mentioned	Should comply by a cupious foam formation	Not mentioned
7	Unsulfated Alcohols/non esterified alcohol	NMT 4.0%	NMT 4.0%	NMT 4.0%	NMT 4.0%
8	Alkalinity	Passes Test	NMT 0.5 ml 0.1M HCl is consumed	NMT 0.5 ml of HCl is required to change the colour of the indicator	NMT 0.5 ml 0.1M HCl is consumed
9	Total alcohols contents	NLT 59.%	NLT 59.0%	Not mentioned	NLT 59.0%
10	Sodium Chloride and Sodium Sulfate	NMT 8.0%	NMT 8.0%	NMT 8.0%	NMT 8.0%
11	Water	Not mentioned	Not mentioned	Not mentioned	NMT 5.0%
12	Assay	NLT 90.0%	NLT 85.0%	NLT 85.0%	NLT 85.0%
13	Elenemtal Impurities		Not mentioned	Not mentioned	Not mentioned
	Cd	0.5 ppm			
	Pb	0.5 ppm			
	As	1.5 ppm			
	Hg	1.5 ppm			
	Co	5 ppm			
	V	10 ppm			
	Ni	20 ppm			
	Tl	5 ppm			
	Au	10 ppm			
	Pd	10 ppm			
	Ir	10 ppm			
	Os	10 ppm			
	Rh	10 ppm			
	Ru	10 ppm			
	Se	15 ppm			
	Ag	15 ppm			
	Pt	10 ppm			

	Li	55 ppm			
	Sb	120 ppm			
	Ba	140 ppm			
	Mo	25 ppm			
	Cu	5 ppm			
	Sn	600 ppm			
	Cr	25 ppm			
14	Residual solvents	Passes Test	Not mentioned	Not mentioned	Not mentioned
	Storage	Room Temperature	Preserve in well-closed containers	Not mentioned	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 reprensentive.