



**Mon-Droguiste.Com**  
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Date: 28<sup>th</sup> June, 2024

Name of the Product : SPAK ESE-20  
 Chemical Name : POLYSORBATE-20  
 Testing Date : 24.06.2024  
 P.O. Number : 5000046963 Dated.04.04.2024  
 Invoice Number : EXP/125/24-25 Dated.28.06.2024  
 Quantity : 7,480 Kgs  
 Packing : 24 HDPE Drums X 220 Kgs net each palletized  
 02 IBCS X 1100 Kgs net each  
 Container No : FANU3521950

**ANALYSIS REPORT**

Parameters	Specifications	Analysis Report		
		Lot-935	Lot-941	Lot-942
Batch No				
Quantity (Kg)		1,100	3,960	2,420
E Number	---	E-432	E-432	E-432
Appearance	Yellow to Amber Oily Liquid	MEETS	MEETS	MEETS
Colour in Gardner	6 G Max	2.9	2.1	2.1
Acid Value	2 Max	0.11	0.26	0.12
Saponification Value	40-50	46	44	43
Hydroxyl Value	96-108	100	102	101
pH 5% Soln.	5.0-8.0	7.40	6.80	7.18
Moisture Content, %	3.0 Max	2.32	2.01	2.01
1,4 Dioxane	5 mg/Kg Max	3.99	< 1	< 1
Ethylene Oxide	0.1 mg/Kg Max	< 0.1	< 0.1	< 0.1
Ethylene Glycol (Mono & Di), %	0.25 Max	COMPLIES	COMPLIES	COMPLIES
Solubility	Soluble in Water, Ethanol, Ethyl Acetate & Toluene. Insoluble in mineral Oil & Petroleum Ether	COMPLIES	COMPLIES	COMPLIES
Arsenic	3 mg/Kg Max	< 1	< 1	< 1
Lead	2 mg/Kg Max	< 1	< 1	< 1
Mercury	1 mg/Kg Max	< 1	< 1	< 1
Cadmium	1 mg/Kg Max	< 1	< 1	< 1
Peroxide Value	10 mg/Kg Max	1.87	0.56	1.53
Date Of Mfg.	---	May, 2024	Jun, 2024	Jun, 2024
Date Of Expiry	---	Apr, 2026	May, 2026	May, 2026

NOTE: The above analysis complies with USP/EP Specifications.