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Date: 09th February, 2024

Name of the Product : SPAK ESE-20
 Chemical Name : POLYSORBATE-20
 Testing Date : 30.01.2024
 P.O. Number : 5000040896 (Amended) Dated. 21.11.2023
 Invoice Number : EXP/468/23-24 Dated. 09.02.2024
 Quantity : 12,320 Kgs
 Packing : 56 HDPE Drums X 220 Kgs net each palletized
 Container No : COLU9578384

ANALYSIS REPORT

| Parameters | Specifications | Analysis Report | |
|--------------------------------|--|-----------------|-----------|
| | | Lot-806 | Lot-818 |
| Batch No | | | |
| Quantity (Kg) | | 7,040 | 5,280 |
| E Number | --- | E-432 | E-432 |
| Appearance | Yellow to Amber Oily Liquid | MEETS | MEETS |
| Colour in Gardner | 5 G Max | 3.2 | 2.6 |
| Acid Value | 2 Max | 0.28 | 0.26 |
| Saponification Value | 40-50 | 42 | 45 |
| Hydroxyl Value | 96-108 | 97 | 100 |
| pH 5% Soln. | 5.0-8.0 | 7.20 | 7.10 |
| Moisture Content, % | 3.0 Max | 2.30 | 2.68 |
| 1,4 Dioxane | 5 mg/Kg Max | COMPLIES | COMPLIES |
| Ethylene Oxide | 0.1 mg/Kg Max | COMPLIES | COMPLIES |
| Ethylene Glycol (Mono & Di), % | 0.25 Max | COMPLIES | COMPLIES |
| Solubility | Soluble in Water, Ethanol, Ethyl Acetate & Toluene. Insoluble in mineral Oil & Petroleum Ether | COMPLIES | COMPLIES |
| Arsenic | 3 mg/Kg Max | COMPLIES | COMPLIES |
| Lead | 2 mg/Kg Max | COMPLIES | COMPLIES |
| Mercury | 1 mg/Kg Max | COMPLIES | COMPLIES |
| Cadmium | 1 mg/Kg Max | COMPLIES | COMPLIES |
| Peroxide Value | 10 mg/Kg Max | 4.03 | 3.93 |
| Date Of Mfg. | --- | Dec, 2023 | Dec, 2023 |
| Date Of Expiry | --- | Nov, 2025 | Nov, 2025 |

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