

## CERTIFICATE OF ANALYSIS

Standard product specification

## TDAE Process Oil

Formulated product · PCA content &lt;3%

## 1. PRODUCT IDENTITY

|                   |                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------|
| Product name      | TDAE Process Oil                                                                           |
| C.A.S. number     | Applicable to blend — on request                                                           |
| Grade / standard  | PCA content <3%                                                                            |
| Description       | Dark brown viscous liquid                                                                  |
| Product group     | Processing Chemicals                                                                       |
| Category          | Plastic & Rubber Chemicals                                                                 |
| Country of origin | India                                                                                      |
| Packing           | Bags, drums, carboys, IBC or ISO tank as applicable — customer-specified packing available |
| Storage           | Cool, dry, well-ventilated place in tightly closed original packing                        |

## 2. ANALYTICAL SPECIFICATION

| S. NO. | TEST PARAMETER                | SPECIFICATION             | TYPICAL RESULT   | METHOD                    |
|--------|-------------------------------|---------------------------|------------------|---------------------------|
| 1      | Description                   | Dark brown viscous liquid | Complies         | Visual                    |
| 2      | Assay                         | Not less than 3.0 % w/w   | 4.21             | Titrimetry / Instrumental |
| 3      | Non-volatile Content (Solids) | As per specification      | 51.4 % w/w       | Gravimetry / ASTM D1644   |
| 4      | Viscosity at 25 °C            | As per specification      | 2709 cP          | Brookfield viscometry     |
| 5      | pH (as supplied)              | As per specification      | 5.4              | Potentiometry             |
| 6      | Density at 25 °C              | As per specification      | 0.971 g/mL       | ASTM D1475                |
| 7      | Heavy Metals (as Pb)          | Not more than 20 ppm      | Less than 10 ppm | ICP-OES                   |

### 3. DECLARATION

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This document sets out the standard specification for TDAE Process Oil and applies to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd. It is not a lot-specific release document; a lot-specific certificate carrying the analysis of the material actually shipped is issued with, and travels with, each consignment. Scapex Exports supplies against customer-specified assay limits and pharmacopoeial standards — send your specification sheet and we confirm compliance in writing before the order is accepted.



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Scapex Exports Pvt. Ltd. · Ahmedabad, Gujarat, India · [info@scapexexports.com](mailto:info@scapexexports.com) · +91 9925522674 — system-generated document, valid without physical signature.