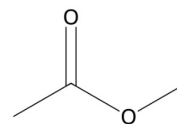


**CERTIFICATE OF ANALYSIS**

Standard product specification

# Methyl Acetate

CAS 79-20-9 · C<sub>3</sub>H<sub>6</sub>O<sub>2</sub> · ≥99.0% Technical


STRUCTURAL FORMULA

**1. PRODUCT IDENTITY**

|                   |                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------|
| Product name      | Methyl Acetate                                                                             |
| C.A.S. number     | 79-20-9                                                                                    |
| Molecular formula | C <sub>3</sub> H <sub>6</sub> O <sub>2</sub>                                               |
| Molecular weight  | 74.08 g/mol                                                                                |
| Grade / standard  | ≥99.0% Technical                                                                           |
| Description       | Clear colorless liquid                                                                     |
| Product group     | Esters                                                                                     |
| Category          | <a href="#">Solvents &amp; Glycols</a>                                                     |
| 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           | Clear colorless liquid                     | Complies       | Visual               |
| 2      | Identification        | Conforms to the structure of the substance | Complies       | FTIR / Chemical test |
| 3      | Assay                 | Not less than 99.0 % w/w                   | 99.32          | Gas Chromatography   |
| 4      | Purity (by GC)        | Not less than 99.5 % (area)                | 99.68          | Gas Chromatography   |
| 5      | Colour (APHA / Pt-Co) | Not more than 10                           | 3              | ASTM D1209           |

|    |                           |                           |        |                            |
|----|---------------------------|---------------------------|--------|----------------------------|
| 6  | Water Content             | Not more than 0.05 % w/w  | 0.0093 | Karl Fischer titration     |
| 7  | Acidity (as acetic acid)  | Not more than 0.002 % w/w | 0.0004 | Titrimetry                 |
| 8  | Residue on Evaporation    | Not more than 0.001 % w/w | 0.0001 | Gravimetry                 |
| 9  | Specific Gravity at 25 °C | 0.929 – 0.935             | 0.9311 | Pycnometry / ASTM D4052    |
| 10 | Refractive Index at 20 °C | 1.3594 – 1.3634           | 1.3622 | Refractometry / ASTM D1218 |

### 3. DECLARATION

This document sets out the standard specification for Methyl Acetate 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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