# Certificate Of Analysis

**Analysis Date:** 18-04-2025 **Re-test Date:** 18-04-2028

## ATRACURIUM BESYLATE - IMPURITY J

## Identification

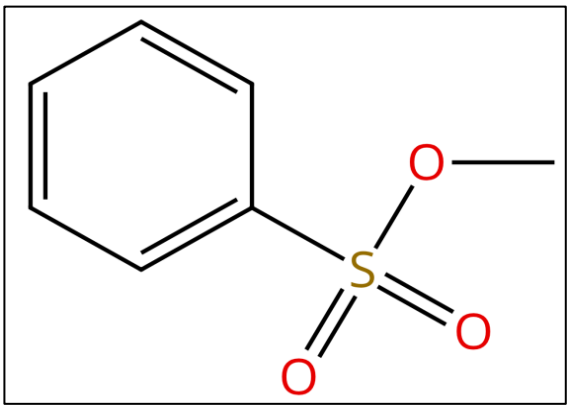
**Chemical Name** : Methyl benzenesulfonate

**CAT No** : ALL-AT0182

**CAS No** : 80-18-2

**Molecular Formula** : C7H8O3S

**Molecular Weight** : 172.2




## Analytical Information

| | | | |
|---|---|---|---|
| **Batch Code** | : ALL-AT0182 | **HPLC Purity** | : 98.03% |
| **Solubility** | : METHANOL | **Potency** | : 96.58% |
| **Appearance of Product** | : Off White Solid | **Mass** | : Confirm |
| **Long Term Storage** | : 2-8$^0$C | **IR Analysis** | : Confirm |
| **Weight Loss By TGA** | : 0.679 % | **1HNMR** | : Confirm |
| **Residue Of Ignition** | : 0.793% | | |

## Additional Information

**%Potency** = [100 -( Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =

[100 – (0.679+ 0.793× 98.03]/100= 96.58%

**Recommendation** : Released

| | Department | Name | Signature |
|---|---|---|---|
| **Prepared and Reviewed by** | Analytical | Mr. Swapnil Kausatkar<br>Jr. Executive | |
| **Approved By** | QA&QC | Dr. Ashish Keche<br>Director QA&QC | |

**Attachment** : HPLC, Mass, 1H NMR, IR, TGA

**Shipping Condition** : All Product are stable to be shipped at room temperature, unless otherwise specified

**Corporate Office**

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