

## Certificate of Analysis

Date of Testing: 2024-09-27 13:02:13

Date of Next Testing: 2028-09-26 13:02:13

Product Name: **p-Xylene**

CAS Number: 106-42-3

Specifications & Purity: Chromatographic grade, ≥99%

Lot #: I2424619

SKU # **X103333**

Version **0**

Analysis #: **365845**

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.494-1.498           | 1.50                  |
| UV Absorbance 380nm                 | 0-0.01                | 0.00                  |
| Density (20°C)                      | 0.861-0.864           | 0.86                  |
| UV Absorbance 400nm                 | 0-0.01                | 0.00                  |
| Water by Karl Fischer               | 0-0.03 (%)            | 0.02 %                |
| Purity(GC)                          | 99-100 (%)            | 99.89 %               |
| UV Absorbance 350nm                 | 0-0.05                | 0.02                  |
| Evaporation Residue                 | 0-0.0005 (%)          | 0.00 %                |
| UV Absorbance 294nm                 | 0-1                   | 0.63                  |
| UV Absorbance 320nm                 | 0-0.1                 | 0.09                  |
| Appearance (X103333)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



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