

Certificate of Analysis

Date of Testing: 2023-06-05 17:04:34

Date of Next Testing: 2027-06-04 17:04:34

Product Name: **p-Xylene**

CAS Number: 106-42-3

Specifications & Purity: for HPLC, $\geq 99\%$

Lot #: E23291164

SKU # **X103333**

Analysis: 159770

Parameter	Limit Values	Result
Refractive index n _{20/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 (%)	99.88 %
UV Absorbance 350nm	0-0.05	0.00
UV Absorbance 294nm	0-1	0.56
UV Absorbance 320nm	0-0.1	0.06
Evaporation Residue	0-0.0005 (%)	0.00 %
Appearance (X103333)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager