

Certificate of Analysis

Compound Information

Product Name: Toluene
CAS No.: 108-88-3
Cat. No.: G4417361
Molecular Formula: C₇H₈
Molecular Weight: 92.14

Batch Information

Batch No.: 3468472
Test Date: 2024-05-19
Report Date: 2024-05-20
Retest Date: 2027-05-19
Storage: Store in a cool,dry area.
Origin: China

Test Item

Test	Specification	Result	
Assay (GC), %	≥99.80	99.98	
Color (APHA)	≤10	5	
Appearance	Colorless, no suspended solids	Meets requirements	
Evaporation Residue, ppm	≤1	0.7	
Moisture (KF), %	≤0.02	0.004	
Optical Absorbance, AU			
at 285 nm	≤1.00	0.65	
at 286 nm	≤0.70	0.43	
at 288 nm	≤0.40	0.23	
at 293 nm	≤0.20	0.10	
at 300 nm	≤0.10	0.05	
at 310 nm	≤0.05	0.02	
at 325 nm	≤0.02	0.007	
at 350 nm	≤0.01	0.002	
at 400 nm	≤0.01	0.001	
Maximum Fluorescence Emission of Impurities (as quinine sulfate), ppb	≤1	Meets requirements	

Reviewed by:

Reviewed by:

Approved by:

Handwritten signature

Debia

David

Test	Specification	Result
GC ECD Responsive Substance (single peak), ppt	?10	3.0
GC FID Responsive Substance (single peak), ppb	?10	1.9

Conclusion

The product has been tested and complies with the given specifications.

Signature

Reviewed by :

Hin Lam

Reviewed by:

Debia

Approved by:

David