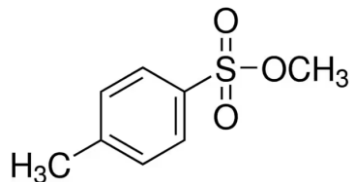


Certificate of Analysis



Product Name	Methyl 4-toluenesulfonate	Batch No.	M22X12077
CAS No.	80-48-8	MFG. Date	Dec 07, 2022
CAT No.	R069507	Retest Date	Dec, 2026
Items	Specification	Results	
Appearance	White or colorless to light yellow powder to lump to clear liquid	Conforms	
Purity (GC)	≥ 98%	99.7%	
Conclusion	Corresponds.		
Storage Condition	Refrigerator.		

QC:

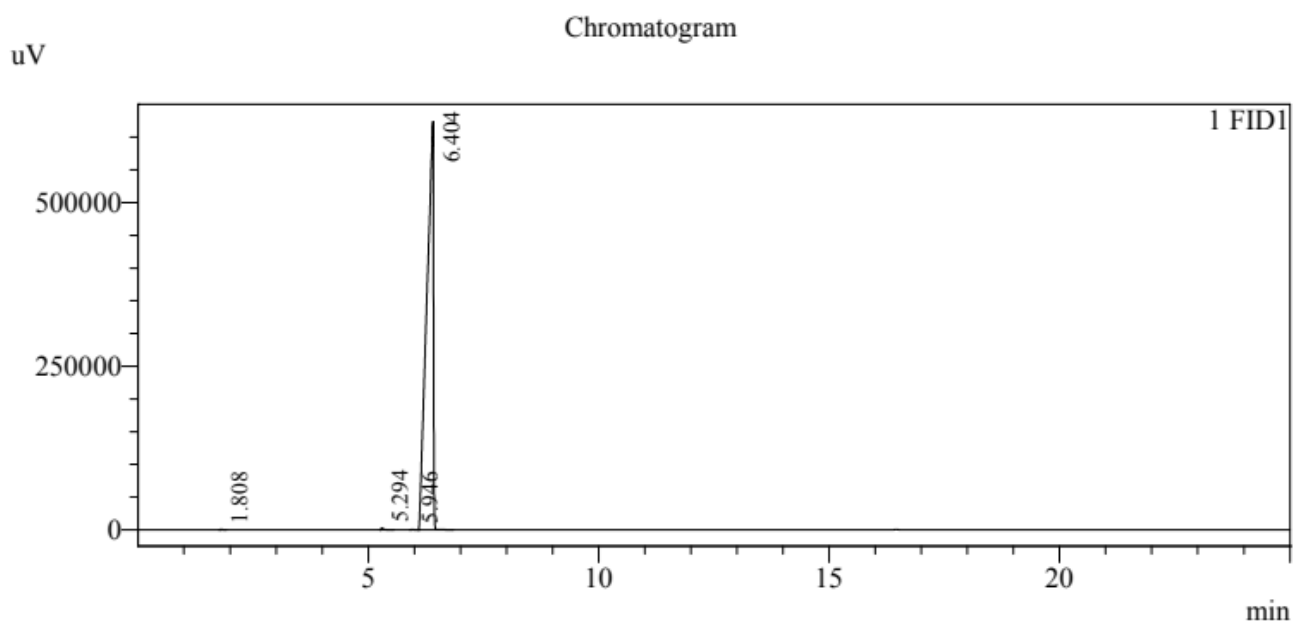
Alex Foster

QA:

Felix Hobart

GC analysis report

CAT# R069507
 LOT# M22X12077



Peak Table

FID1

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark
1	1.808	1993	988	0.032		
2	5.294	9307	2725	0.149		
3	5.946	2513	589	0.040		
4	6.404	6224233	619931	99.779		
Total		6238046	624232			