

## Certificate of Analysis

Date of Testing: 2022-02-10 16:57:33  
Date of Next Testing: 2024-01-31 16:57:33  
Product Name: **Benzoyl chloride**  
CAS Number: 98-88-4  
Specifications & Purity: Analytical Reagent,99.0%  
Lot #: B2207223  
SKU #: **B104565**  
Analysis: **071680**

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.09 %
Novolatile	0-0.05 (%)	0.02 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Phosphours compounds	0-0.002 (%)	0.00 %
Purity(Titration by HCl)	99-101 (%)	100.15 %
Density (20°C)	1.211-1.216	1.21
Refractive index n <sub>20</sub> /D	1.55-1.555	1.55
Appearance (B104565)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager