

Certificate of Analysis

Date of Testing: 2023-01-31 15:20:41
Date of Next Testing: 2025-01-20 15:20:41
Product Name: **Benzoyl chloride**
CAS Number: 98-88-4
Specifications & Purity: ACS, ≥99.0% (T)
Lot #: A2312070
SKU #: **B104566**
Analysis: **167496**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	99.60 %
Refractive index n ₂₀ /D	1.55-1.555	1.55
Heavy metal (as Pb)	0-10 (ppm)	2.00 ppm
Density (20°C)	1.211-1.216	1.22
Iron(Fe)	0-10 (ppm)	0.10 ppm
Ignition Residue(Ash)	0-0.005 (%)	0.00 %
Crystallization point	0-2 (°C)	0.00 °C
Purity(GC)	99-100 (%)	99.57 %
Phosphorus Compounds	0-0.002 (%)	0.00 %
Appearance (B104566)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager