

Certificate of Analysis

Date of Testing: 2023-05-15 17:11:03
Date of Next Testing: 2025-05-04 17:11:03
Product Name: **Benzoyl chloride**
CAS Number: 98-88-4
Specifications & Purity: ACS, ≥99.0% (T)
Lot #: G2129027
SKU #: **B104566**
Analysis: **222065**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	99.80 %
Refractive index n ₂₀ /D	1.55-1.555	1.55
Heavy metal (as Pb)	0-10 (ppm)	2.12 ppm
Density (20°C)	1.211-1.216	1.21
Iron(Fe)	0-10 (ppm)	0.00 ppm
Ignition Residue(Ash)	0-0.005 (%)	0.00 %
Crystallization point	0-2 (°C)	1.20 °C
Purity(GC)	99-100 (%)	99.88 %
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