

Certificate of Analysis

Date of Testing: 2023-06-21 15:15:23
Date of Next Testing: 2027-06-20 15:15:23
Product Name: **1-Carbobenzoxypiperazine**
CAS Number: 31166-44-6
Specifications & Purity: $\geq 95\%$ (GC)
Lot #: F2310669
SKU #: **C154003**
Version: **0**
Analysis #: **061771**

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	96.58 %
Density (20°C)	1.146-1.152	1.15
Refractive index n ₂₀ /D	1.544-1.548	1.55
Appearance (C154003)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager