

Certificate of Analysis

Date of Testing: 2023-03-08 03:02:58

Date of Next Testing: 2025-02-25 03:02:58

Product Name: **Phenylacetaldehyde**

CAS Number: 122-78-1

Specifications & Purity: $\geq 95\%$, contains 0.01 % Citric acid as stabilizer

Lot #: C2303998

SKU #: **P105078**

Version: **1**

Analysis #: **187608**

Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Density (25°C)	1.025-1.035	1.03
Purity(GC)	95-100 (%)	98.39 %
Refractive index $n_{20/D}$	1.525-1.532	1.53
Acid Value	0-5 (mgKOH/g)	1.36 mgKOH/g
Appearance (P105078)	Colorless to light yellow liquid	Colorless to light yellow liquid
Stabilizer approx	0.01 %Citric acid	0.01 %Citric acid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager