

## Certificate of Analysis

Date of Testing: 2023-01-06 10:55:55  
Date of Next Testing: 2027-01-05 10:55:55  
Product Name: **Cinnamyl formate**  
CAS Number: 104-65-4  
Specifications & Purity: 92%  
Lot #: D1903163  
SKU #: **C102138**  
Analysis: **175157**

Parameter	Limit Values	Result
Lead(Pb)	0-10 (ppm)	3.85 ppm
Density (20°C)	1.077-1.082	1.08
Cinnamyl Alcohol	0-8 (%)	2.53%
(As)Arsenic	0-1 (ppm)	0.38 ppm
Acid Value	0-3 (mg/g)	1.60 mg/g
Purity(GC)	92-100 (%)	97.14%
Refractive index n <sub>20</sub> /D	1.55-1.556	1.55
Mercury(Hg)	0-1 (ppm)	0.30 ppm
Cadmium(Cd)	0-1 (ppm)	0.45 ppm
Appearance (C102138)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,light yellow, clear (1ml/2ml, 80% alcohol)	pass	Pass



John Su  
QA & QC Manager