

Certificate of Analysis

Date of Testing: 2024-12-16 16:12:40

Date of Next Testing: 2026-12-16 16:12:40

Product Name: **Methyl (S)-(+)-mandelate**

CAS Number: 21210-43-5

Specifications & Purity: $\geq 98\%$

Lot #: G1918205

SKU #: **M107988**

Version: **0**

Analysis #: **450174**

Parameter	Limit Values	Result
Melting point	54-58 (°C)	55.20000 °C
Purity(GC)	98-100 (%)	98.10 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	139-148 (°)	142.20 °
Appearance (M107988)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager