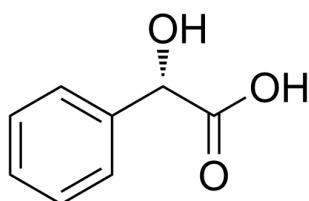


## Certificate of Analysis

### Compound Information

Product Name:	(S)-Mandelic acid
Cat. No.:	1023589
CAS No.:	17199-29-0
Molecular Formula:	C <sub>8</sub> H <sub>8</sub> O <sub>3</sub>
Molecular Weight:	152.15
Chemical Structure:	



### Batch Information

Batch No.:	Le051770914
Storage:	Storage temp. 2-8°C
Test Date:	2021-05-17
Retest Date:	2024-05-16
Origin:	Shanghai, China

### QC Summary

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Optical Rotation:	Consistent with structure
Purity (HPLC):	99.24%
Water(KF):	0.12%
Residue on Ignition:	0.08%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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