



## CERTIFICATE OF ANALYSIS

Date: 13/03/18

PRODUCT NAME : S (+) MANDELIC ACID

CAS No : 17199-29-0  
Mol. Formula :  $C_8H_8O_3$   
Mol. WT : 152.15  
Exp. : Feb. 2023

Product code : 53338  
Batch No : MCR-15675  
Mfd. : March 2018

| S. R | Test   | Specification     | Observation |
|------|--|-------------------|-------------|
| 1    | Assay  | 99% min           | 99.69%      |
| 2    | Melting point  | 131 - 134°C       | 132.5°C     |
| 3    | Specific rotation<br>[ $\alpha$ ] <sup>20</sup> <sub>D</sub> (C=2 water) | +153.0 to +157.0° | +154.5°     |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE  
(G.G.Salian)

**Note:** Computer generated image requires no sign.