



## **CERTIFICATE OF ANALYSIS**

**Date:** 12/02/17

**PRODUCT NAME :** L(+)**ARABINOSE**

**CAS No** : 5328-37-0  
**Mol. Formula** :  $C_5H_{10}O_5$   
**Mol. WT** : 150.13  
**Exp.** : Jan. 2022

**Product code** : 21900  
**Batch No** : MCR-13172  
**Mfd.** : Feb. 2017

| S. R | Test                                                             | Specification                          | Observation          |
|------|------------------------------------------------------------------|----------------------------------------|----------------------|
| 1    | Melting Point                                                    | 154-158 <sup>0</sup> C                 | 154.1 <sup>0</sup> C |
| 2    | Heavy metals (as Pb)                                             | 0.001% max.                            | <0.001%              |
| 3    | Loss on drying at 60 <sup>0</sup> C                              | 0.5% max.                              | 0.36 %               |
| 4    | Specific rotation $[\alpha]^{20}_D$<br>(C=5 in H <sub>2</sub> O) | +102 <sup>0</sup> to +105 <sup>0</sup> | +102.98 <sup>0</sup> |

**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.

**MOLYCHEM Office:** 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
**Tel:** +91 22 4066 8111, 2205 7772 . **Fax:** + 91 22 2203 4442. **Email :** [info@molychem.net](mailto:info@molychem.net)  
**Works:** Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503