

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **laevulinic acid**  
Specifications & Purity: Analytical Reagent, 99.0%  
SKU #: **L104281**

| Parameter                               | Limit Values                                 |
|---|--|
| Purity(GC)                              | 99-100 (%)                                   |
| Chloride (Cl-)                          | 0-0.005 (%)                                  |
| Heavy metal (as Pb)                     | 0-20 (ppm)                                   |
| Refractive index n <sub>20</sub> /D     | 1.436-1.442                                  |
| Iron(Fe)                                | 0-10 (ppm)                                   |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.01 (%)                                   |
| Ignition Residue                        | 0-0.05 (%)                                   |
| Purity (Titration by NaOH)              | 98.5-101.5 (%)                               |
| Appearance (L104281)                    | Colorless to Yellow to Brown Liquid or Solid |
| Proton NMR spectrum                     | Conforms to Structure                        |