

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Isobutyl acetate,99%

ITEM NUMBER: I110418  
BRAND: Aladdin  
CAS NUMBER: 110-19-0  
MDL NUMBER: MFCD00008932  
FORMULA: C<sub>6</sub>H<sub>12</sub>O<sub>2</sub>  
MOLECULAR WEIGHT: 116.16

| TEST                                | SPECIFICATION         |        | TARGET VALUE |
|-------------------------------------|-----------------------|--------|--------------|
|                                     | MIN.                  | MAX.   |              |
| Appearance                          | Colorless Liquid      |        |              |
| Infrared spectrum                   | Conforms to Structure |        |              |
| Purity(GC)                          | 99 %                  | 100 %  | 100 %        |
| Refractive index n <sub>20</sub> /D | 1.388                 | 1.392  | 1.392        |
| Specific gravity (20/20 ° C)        | 0.871                 | 0.874  | 0.874        |
| Water by Karl Fischer               | 0 %                   | 0.05 % | 0.05 %       |