

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Isonicotinic acid,99%

ITEM NUMBER: I101094
BRAND: Aladdin
CAS NUMBER: 55-22-1
MDL NUMBER: MFCD00006429
FORMULA: C₆H₅NO₂
MOLECULAR WEIGHT: 123.11

| TEST | SPECIFICATION | | TARGET VALUE |
|-------------------------------------|---|---------|--------------|
| | MIN. | MAX. | |
| Appearance | White to Off-White Powder | | |
| Infrared spectrum | Conforms to Structure | | |
| Proton NMR spectrum | Conforms to Structure | | |
| Purity(HPLC) | 99 % | 100 % | 100 % |
| Purity(Titration by NaOH) | 98.5 % | 101.5 % | 101.5 % |
| Solubility in 2N NH ₄ OH | Colorless to Yellow,Clear to Slightly Hazy,5% | | |