

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: 4-Aminoantipyrine,98%

ITEM NUMBER: A106066  
BRAND: Aladdin  
CAS NUMBER: 83-07-8  
MDL NUMBER: MFCD00003145  
FORMULA: C<sub>11</sub>H<sub>13</sub>N<sub>3</sub>O  
MOLECULAR WEIGHT: 203.24

| TEST                         | SPECIFICATION                        |         | TARGET VALUE |
|------------------------------|--------------------------------------|---------|--------------|
|                              | MIN.                                 | MAX.    |              |
| Appearance                   | Yellow to Brown Powder and/or Chunks |         |              |
| Infrared spectrum            | Conforms to Structure                |         |              |
| Melting point                | 107 ° C                              | 110 ° C | 110 ° C      |
| Proton NMR spectrum          | Conforms to Structure                |         |              |
| Purity(Nonaqueous tieration) | 97.5 %                               | 102.5 % | 102.5 %      |
| solubility in water          | yellow clear,50 mg/ml                |         |              |