

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **N-(2,4-Dinitrophenyl)-L-alanine**  
Specifications & Purity: **98%**  
SKU #: **D100644**

| Parameter                                                                 | Limit Values                              |
|---------------------------------------------------------------------------|-------------------------------------------|
| Purity(Neutralization titration)                                          | 98-102 (%)                                |
| Specific Rotation $[\alpha]_{20/D(c=0.5 \text{ in } 1\text{mol/L NaOH})}$ | 140-147 (°)                               |
| Purity(HPLC)                                                              | 98-100 (%)                                |
| Melting point                                                             | 177-181 (°C)                              |
| Appearance (D100644)                                                      | Faint Yellow to Yellow Powder or crystals |
| Proton NMR spectrum                                                       | Conforms to Structure                     |
| Solubility in MeOH                                                        | almost transparency                       |