

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-12 10:18:39  
Date of Next Testing: 2025-10-01 10:18:39  
Product Name: **1,3-Dibromo-5,5-dimethylhydantoin**  
CAS Number: 77-48-5  
Specifications & Purity: 97%  
Lot #: A2218321  
SKU #: **D118556**  
Version: **1**  
Analysis #: **284325**  
Storage Temperature: Argon charged

| Parameter  | Limit Values                                       | Result   |
|--|--|--|
| Purity(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )    | 96.5-103.5 (%)                                     | 97.22 %  |
| Appearance (D118556)   | White to Yellow to Orange Powder,Crystals or Chunk | White to Yellow to Orange Powder,Crystals or Chunk |
| Infrared spectrum  | Conforms to Structure                              | Conforms to Structure                              |
| Proton NMR spectrum  | Conforms to Structure                              | Conforms to Structure                              |
| Solubility in Acetone , Colorless to Yellow or Orange,Clear to Hazy,5% | pass   | Pass   |



John Su  
QA & QC Manager