

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-25 16:07:05  
 Date of Next Testing: 2029-02-24 16:07:05  
 Product Name: **Benzoylhydrazine**  
 CAS Number: 613-94-5  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: B2522032  
 SKU #: **B104697**  
 Version: **0**  
 Analysis #: **473116**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                               | Limit Values                                                     | Result                                                           |
|-----------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|
| Purity(Titration by HClO <sub>4</sub> ) | 97.5-102.5 (%)                                                   | 98.69000 %                                                       |
| Melting point                           | 110-117 (°C)                                                     | 115.26000 °C                                                     |
| Purity(GC)                              | 98-100 (%)                                                       | 98.57700 %                                                       |
| Appearance (B104697)                    | White to Cream to Pale Brown to Beige Powder, Crystals or Chunks | White to Cream to Pale Brown to Beige Powder, Crystals or Chunks |
| Solubility in H <sub>2</sub> O          | Almost transparency                                              | almost transparency                                              |
| Infrared spectrum                       | Conforms to Structure                                            | Conforms to Structure                                            |



John Su  
 QA & QC Manager