

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-06-05 11:28:07

Date of Next Testing: 2029-06-04 11:28:07

Product Name: **Benzoylhydrazine**

CAS Number: 613-94-5

Specifications & Purity:  $\geq 98\%$

Lot #: E2521188

SKU #: **B104697**

Version: **0**

Analysis #: **504672**

Storage Temperature: Room temperature, Argon charged

| Parameter                               | Limit Values                                                     | Result                                                           |
|-----------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|
| Purity(Titration by HClO <sub>4</sub> ) | 97.5-102.5 (%)                                                   | 99.53000 %                                                       |
| Melting point                           | 110-117 (°C)                                                     | 115.57000 °C                                                     |
| Purity(GC)                              | 98-100 (%)                                                       | 98.30500 %                                                       |
| 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