

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-24 17:36:12

Date of Next Testing: 2028-09-23 17:36:12

Product Name: **Dibutyltin oxide**

CAS Number: 818-08-6

Specifications & Purity:  $\geq 98\%$

Lot #: I2413457

SKU #: **D112984**

Version: **0**

Analysis #: **405305**

Storage Temperature: Room temperature

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Carbon by Elemental Analysis        | 37.6-39.6 (%)         | 38.74900 %            |
| Melting point                       | $\geq 300$ (°C)       | 300.00000 °C          |
| Chloride (Cl-)                      | 0-1500 (ppm)          | 436.00000 ppm         |
| Volatile matter (Including water)   | 0-0.4 (%)             | 0.12500 %             |
| Purity(as Sn)                       | 98-102.5 (%)          | 98.10000 %            |
| Appearance (D112984Form)            | Powder to crystal     | Powder to crystal     |
| Appearance (D112984Color)           | White to almost white | White to almost white |
| ICP:Confirms Tin Component          | Confirmed             | Confirmed             |
| Solubility in water ,4.0mg/L (20°C) | pass                  | Pass                  |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



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QA & QC Manager