

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-21 16:52:51

Date of Next Testing: 2029-08-20 16:52:51

Product Name: **Dowex® 1X8 chloride form**

CAS Number: 69011-19-4

Specifications & Purity: chloride form, 50-100 mesh

Lot #: H2520649

SKU #: **D123847**

Version: **1**

Analysis #: **557602**

Storage Temperature: Room temperature

| Parameter                         | Limit Values                             | Result                                   |
|-----------------------------------|------------------------------------------|------------------------------------------|
| Water Retention Capacity(CI Form) | 43-48 (%)                                | 44.00000 %                               |
| Exchange Capacity(CI Form)        | ≥1.2 (Eq/l)                              | 1.60000 eq/L                             |
| Whole Uncracked Beads             | 90-100 (%)                               | 100.00000 %                              |
| Particle size ( < 180µm)          | 0-15 (%)                                 | 0.00000 %                                |
| Particle size( > 500µm)           | 0-15 (%)                                 | 0.00000 %                                |
| Appearance (D123847)              | White to Light Yellow to Tan Moist Beads | White to Light Yellow to Tan Moist Beads |
| Infrared spectrum                 | Conforms to Structure                    | Conforms to Structure                    |



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QA & QC Manager