

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-21 11:26:18
 Date of Next Testing: 2027-05-21 11:26:18
 Product Name: **Methacholine Chloride**
 CAS Number: 62-51-1
 Specifications & Purity: Moligand™, ≥98%
 Lot #: E2514502
 SKU #: **O135659**
 Version: **1**
 Analysis #: **504945**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	100.80000 %
Melting point	170-174 (°C)	171.40000 °C
Appearance(O135659)	White to Almost white powder to crystal	White to Almost white powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in Methanol	almost transparency	almost transparency



John Su
QA & QC Manager