

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Dodecyltrimethylammonium chloride**
Specifications & Purity: 99% , for ion-pair chromatography
SKU # **D105297**

| Parameter | Limit Values |
|---|---|
| Free amine and amine salts | 0-0.1 (%) |
| Water by Karl Fischer | 0-0.5 (%) |
| Heavy metals | 0-5 (ppm) |
| pH | 6-8 |
| UV Absorbance 254nm | 0-0.04 |
| UV Absorbance 230nm | 0-0.07 |
| Ignition Residue | 0-0.1 (%) |
| Purity(Titration by AgNO ₃) | 99-100.5 (%) |
| UV Absorbance 400nm | 0-0.02 |
| UV Absorbance 210nm | 0-0.2 |
| Appearance (D105297) | White to Off-White Solid, Powder, or Crystals |
| Proton NMR spectrum | Conforms to Structure |
| Solubility(5%,w/v aq.Solution) | almost transparency |
| Ultraviolet absorption conditions | 0.1M in water |