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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

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