

Product Name: n-Dodecylpyridinium chloride hydrate, 98%
Catalog Number: B23492.14

CAS Number: 207234-02-4
IUPAC Name: 1-dodecylpyridin-1-ium chloride
Molecular Formula: C₁₇H₃₀ClN
Molecular Weight: 283.88
MDL Number: MFCD00011987
InChI Key: GKQHIYSTBXDYNQ-UHFFFAOYSA-M
SMILES: [Cl-].CCCCCCCCCCCC[N+](=CC=CC=C1)
Synonym: laurylpyridinium chloride

Product Specification

Appearance (Color): White to pale cream
Form: Powder or crystalline powder
Assay (Titration ex Chloride): ≥97.5 to ≤102.5% (Dry wt. basis)
Melting Point (clear melt): 87-93°C
Water Content (Karl Fischer Titration): <6.6% (<1.1 waters)

Date Of Print: 08/31/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.