

Status: Currently Official on 14-Feb-2025
Official Date: Official Prior to 2013
Document Type: Reagents
DocId: GUID-E1AF3CFE-D7C2-4B9A-9FDB-030CF05917C0_1_en-US
DOI: https://doi.org/10.31003/USPNF_R2006_01_01
DOI Ref: t0r30

© 2025 USPC
Do not distribute

1-Ethylquinaldinium Iodide,

$C_{12}H_{14}IN$ 299.15 CAS RN[®]: 606-55-3.—Yellow-green solid. Sparingly soluble in water.

Assay: Dissolve about 290 mg, accurately weighed, in 100 mL of water, and add 10 mL of glacial acetic acid. Titrate with 0.1 N silver nitrate VS, determining the endpoint potentiometrically, using a silver-ion selective electrode and a calomel reference electrode containing 1 M potassium nitrate. Perform a blank determination, and make any necessary correction. Each mL of 0.1 N silver nitrate is equivalent to 29.92 mg of $C_{12}H_{14}IN$; not less than 97.0% is found.

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
1-ETHYLQUINALDINIUM IODIDE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

Current DocID: [GUID-E1AF3CFE-D7C2-4B9A-9FDB-030CF05917C0_1_en-US](#)

DOI: https://doi.org/10.31003/USPNF_R2006_01_01

DOI ref: [t0r30](#)

OFFICIAL