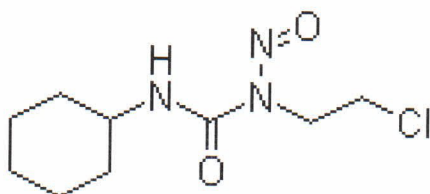


Batch no N1104E
Mf date Nov 04 2024
Retest Nov 03 2026

Molecular Structure



Molecular Formula $C_9H_{16}ClN_3O_2$
Molecular Weight 233.69
CAS Registry Number 13010-47-4

Nov 07 2024

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	A yellow crystalline powder	Conforms
Identification	IR, UV, reaction of chlorides	Positive
Chemical reaction	The maximum absorbance is 250 ~ 270	Conforms
Melting point	89 ~ 91°C	89.3 ~ 90.6°C
Related substances (HPLC)	Single impurity $\leq 0.1\%$ Total impurities $\leq 1.0\%$	Conforms Conforms
Chlorides	≤ 500 ppm	Conforms
Loss on drying	$\leq 1.0\%$	0.22%
Assay (odb)	98.5 ~ 100.5%	99.7%

Packaging & storage	Protected from light
Conclusion	Material complies with BP2009