

Product specification

Product name: Formamidinium iodide 99.999 %, trace elements basis

Product Code: DN-P10-5N

CAS Number: 879643-71-7

Chemical Formula: $\text{CH}_5\text{N}_2\text{I}$

Molecular Weight: 171.97 g/mol

Test	Specification
Appearance (color)	White
Appearance (form)	Crystals or powder
^1H NMR Spectrum	Conforms to structure
Purity (^1H qNMR)	≥ 99 %
Purity (Argentometric titration)	≥ 99 %
Precipitation with PbI_2 (sat) in DMF	No visible turbidity
Water content (Karl Fischer titration)	<50 ppm
Trace elements analysis (ICP-OES) *	<15 ppm

* Elements included in the analysis (66):

Li, Be, B, Na, Mg, Al, Si, P, K, Ca, Sc, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, Ga, Ge, As, Se, Rb, Sr, Y, Zr, Nb, Mo, Ru, Rh, Pd, Ag, Cd, In, Sn, Sb, Te, Ba, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Hf, Ta, W, Re, Os, Ir, Pt, Au, Hg, Tl, Pb, Bi