

Product specification

Product name: 4-*tert*-butyl-benzylammonium iodide 99.99 %, trace elements basis

Product Code: DN-P21-4N

CAS Number: 2366873-27-8

Chemical Formula: C₁₁H₁₈IN

Molecular Weight: 291.18 g/mol

Test	Specification
Appearance (color)	White
Appearance (form)	Crystals or powder
¹ H NMR Spectrum	Conforms to structure
Purity (¹ H qNMR)	≥99 %
Purity (Argentometric titration)	≥99 %
Water content (Karl Fischer titration)	<250 ppm
Trace elements analysis (ICP-OES) *	<150 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