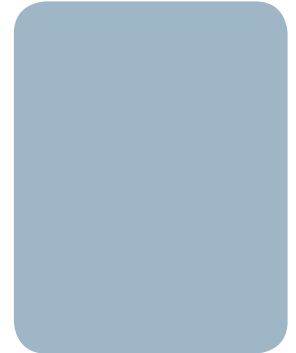


ISOTOPES



Iodine-131

Radiochemical

13;9;3;18;15;18;1;4

Radionuclidic Purity: (expressed as % of total radioactivity)	I-131 \geq 99.90% I130, I133, I135, Other nuclides total \leq 0.10% of Total Radioactivity
Radiochemical purity:	Iodide \geq95 %
Specific activity:	\geq 6 Ci (222 GBq) I-131/mg Iodine at expiration
Decay mode:	β/γ
Half-life period:	8.02 days
Energy decay max.:	364 keV
Radioactivity concentration:	1 Ci/mL (negotiable)
Chemical formulation:	NaOH (Sodium Hydroxide): 0.05 M
Alkalinity:	Strongly Alkaline (pH > 10)
Appearance:	Clear, colorless solution
Containment:	20, 30 mL glass vial with rubber stopper and Aluminum cap