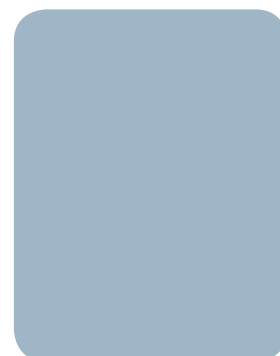


ISOTOPES



Molybdenum (Mo-99)

Radiochemical

9;18;5

Chemical Form:	Na_2MoO_4
Activity Concentration:	800-1200 mCi/mL
Specific Activity:	No carrier added (nominal ~17 Ci/mg)
Radionuclidic purity:	$^{131}\text{I} / ^{99}\text{Mo}$ less than $5 \cdot 10^{-5}$ $^{103}\text{Ru} / ^{99}\text{Mo}$ less than $5 \cdot 10^{-5}$ $^{89}\text{Sr} + ^{90}\text{Sr} / ^{99}\text{Mo}$ less than $6 \cdot 10^{-7}$ All other β/γ emitters / Mo less than $1 \cdot 10^{-4}$ Total $\alpha / ^{99}\text{Mo}$ less than $1 \cdot 10^{-9}$ $\text{Cs-137} < 0.0001\%$
Radiochemical purity:	^{99}Mo as MoO_4 = higher than 97%
Calibration Time:	In accordance with customer requirements
Delivery:	In accordance with customer requirements