

Thyroid Powder USP40

Batch no	251201
Mf date	Dec 08 2025
Retest	Dec 07 2028
Batch size	500 kg

CAS Registry Number 50809-32-0
Source of the material Porcine

Jun 15 2026

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Yellowish or light brown powder with characteristic odor	Light brown powder
Identification	Test A	Positive
Inorganic iodide	$\leq 0.01\%$	$< 0.01\%$
Loss on drying	$\leq 6.0\%$	2.9%
Fat	$\leq 4.0\%$	0.1%
Residual solvents	Heptane ≤ 5000 ppm	764 ppm
Microbiol	Total bacteria count ≤ 1000 cfu/gr	40 cfu/gr
	Yeast & moulds ≤ 100 cfu/gr	30 cfu/gr
	E. coli Absent	Absent
	Salmonella Absent	Absent
Assay	$C_{15}H_{11}I_4NO_4$. T4 34.2 ~ 41.8 mcg/grain	37.6 mcg/grain
	$C_{15}H_{12}I_3NO_4$. T3 8.1 ~ 9.9 mcg/grain	8.4 mcg/grain

Packaging & storage	Keep container tightly closed in a dry and well-ventilated place.
Conclusion	Material complies with USP40