

Thyroid Powder USP40

Batch no 250402
 Mf date Apr 27 2025
 Retest Apr 26 2028
 Batch size 500 kg

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

Nov 05 2025

<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	≤ 0.01%	0.003%
Loss on drying	≤ 6.0%	1.8%
Fat	≤ 4.0%	0.4%
Residual solvents	Acetone ≤ 5000 ppm	49 ppm
Microbiol	Total bacteria count ≤ 1000 cfu/gr	50 cfu/gr
	Yeast & moulds ≤ 100 cfu/gr	20 cfu/gr
	E. coli Absent	Absent
	Salmonella Absent	Absent
Assay	C ₁₅ H ₁₁ I ₄ NO ₄ . T4 34.2 ~ 41.8 mcg/grain	36.3 mcg/grain
	C ₁₅ H ₁₂ I ₃ NO ₄ . T3 8.1 ~ 9.9 mcg/grain	9.1 mcg/grain

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