

Thyroid Powder USP40

Batch no 250101
Mf date Jan 21 2025
Retest Jan 20 2028
Batch size 450 kg

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

Apr 14 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	$\leq 0.01\%$	$< 0.01\%$
Loss on drying	$\leq 6.0\%$	2.7%
Fat	$\leq 4.0\%$	0.4%
Residual solvents	Acetone ≤ 5000 ppm	0 ppm
Microbiol	Total bacteria count ≤ 1000 cfu/gr	43 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	35.6 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