

Product Name: Thyroid Powder USP

CAS number: 50809-32-0

CHARACTERISTIC	SPECIFICATION
Appearance	Yellowish or light brown powder
Odor	Characteristic
Identification	Identification A
Inorganic Iodide, %	≤ 0.01
Loss on drying, %	0.0-6.0
Residual solvents (Acetone)	0-5000ppm
Fat, %	0.0-4.0
Assay, C ₁₅ H ₁₁ I ₄ NO ₄ .T ₄	Should between 34.2-41.8mcg/grain
Assay, C ₁₅ H ₁₂ I ₃ NO ₄ .T ₄	Should between 8.1-9.9mcg/grain
Total viable aerobic count	<1,000 CFU/g
Total combined yeast/moulds count	<100 CFU/g
E.coli	Absent
Staphylococcus aureus	Absent

Shelf life and Storage conditions:

Stored not exceeding 25°C in airtight and light resistant containers, preserving in air-tight containers away from moisture. Shelf life is 2 years.