Nutraceuticals Group USA
8404 Sunstate Street
Tampa, FL 33634, USA
Tel: +813-461-7500
sales@nutraintlgroup.com
nutraceuticalsgroup.com

Nutraceuticals Group UK
The Old Smithy, 7 High Street, Merstham,
Surrey, RH1 3BA, UK
Tel: +44-203-696-2780
sales@nutraceuticalsgroup.com
nutraceuticalsgroup.com

Nutraceuticals Group DE
Hagener Hauptstraße 8,
21684 Stade, DE
Tel: +49 4162 7023697
sales.de@nutraceuticalsgroup.com
nutraceuticalsgroup.com

Product Master Specification

Item Name	**Vitamin B6 Pyridoxine HCl Powder 60 Mesh EP**
Product Code	NIGEVIT1004047
Product Type	Vitamins
Issue Date	**24-Nov-2026**
Version	**V02**
QA Status	Final Approved
Intended use	Food use
Test	Specification
Organoleptic	
Appearance	A white or almost white crstalline powder
Characteristics	
Identification	Infrared absorption: consistent with the reference IR spectra. Reaction of chlorides: A white curdy precipitate is formed with silver nitrate, the precipitate is insoluble in nitric acid but dissolves readily in ammonia.
Assay	98.0% ~ 102.0% (dry basis)
Irradiation	Free
GMO	Free
BSE/TSE	Free
Product Specific Test	
Chloride	16.9 ~ 17.6%
Physical/Chemical	
Clarity and Colour of Solution	Clear
Loss on drying	≤ 0.50 %
Residue on Ignition	≤ 0.10 %
pH	2.4 - 3.0
Heavy Metals	
Lead (Pb)	≤ 0.50 ppm
Arsenic (As)	≤ 0.50 ppm
Cadmium (Cd)	≤ 0.50 ppm
Mercury (Hg)	≤ 0.10 ppm
Microbiological	
Total Plate Count	< 100 cfu/g
Yeast and Mould	< 10 cfu/g
Escherichia coli (E. coli)	Not detected / g

Salmonella	Not detected / 25g
Staphylococcus aureus	Negative
Impurities & Solvent Residues	
Total impurity	≤ 0.20%
Any uninspected impurity	≤ 0.10%
Residual Solvents	Ethanol ≤ 0.50%
Impurity B	≤ 0.15%
Storage & Handling	
Storage	Store in a clean, cool, dry place at 5 - 25°C. Protect from humidity (RH < 60) and sunlight.
Preparation and/or handling before use or processing	Please ask our QA department for detailed instructions
Transportation	Transportation suitable for dried food powders
Packaging	All packaging meets EU regulations
Shelf Life	4 years from manufacture if stored according to conditions above
Approved by	Quality Department
Signed By	Alfie Edwards
Disclaimer	All batches are fully in line with all requirements of the agreed specifications as standard, however not all parameters are tested per batch all of the time. Nutraceuticals Group guarantee all batches.
Template Version	NGEMNSPEC202408a
Nutritional (Typical) / 100g	
General Information	While Nutraceuticals Group strives to provide comprehensive information about all ingredients, the specific nutritional data for this product is currently not available. We recommend conducting further analysis if precise nutritional information is required for your product labelling.