



Certificate Of Analysis

Commodity Name	NEOPENTYL GLYCOL	Molecular Formula	C5H12O2
Batch No	20230801	Batch	60MTS
Issue Date	2023/1/8	Expiry Date	2025/1/30

TEST	SPECIFICATION		RESULT
	MIN	MAX	
NPG PURITY	99%		99.5%
MOISTURE		0.3%	0.2%
CHROMA(50% AQUEOUS SOLUTION)(Pt-Co)		15	4
ACID VALUE(mg/KOH)		0.1	0.03

APPEARANCE: APPEARANCE WHITE CRYSTALS

CONCLUSION: COMPLIES



All pharmaceutical ingredients are tested using current edition of applicable pharmacopeia.

Read and understand label and SDS before handling any chemicals. All Spectrum's chemicals are for manufacturing, processing, repacking or research purposes by experienced personnel only. It is the customer's responsibility to provide adequate hazardous material training and ensure that appropriate Personal Protective Equipment (PPE) is used before handling any chemical.

The Elemental Impurities standards implemented by USP and other Pharmaceutical Compendia reflect a growing understanding of the toxicology of trace levels of elemental impurities that can remain in drug substances originating from either raw materials or manufacturing processes. Identifying and quantifying impurities can be critical to predicting the best possible patient outcomes. Elemental Impurities has been a requirement of all products meeting USP/NF, EP and BP monographs since January 1, 2018. More information can be found in USP sections <232> Elemental Impurities – Limits and <233> Elemental Impurities – Procedures. Data for drug substances furnished by Spectrum Chemical Mfg. Corp can be used to ensure that patient daily exposures by oral administration to the selected elements are not exceeded in the formulation of pharmaceutical products.