

2687 – POTASSIUM NITRITE CRYSTAL

REF NO: TBL/QA/SS/LC/2687	STANDARD SPECIFICATION FOR POTASSIUM NITRITE CRYSTAL	Rev. No: 03
Issue No: 04		Review Date: 28/10/2024
Issue Date: 29/10/2021		Product code: 2687

PRODUCT PROPERTIES

C.A.S Number	7758-09-0
Chemical Formula	KNO ₂
Formula weight	85.10
Functional Uses	Potassium nitrite is used in the manufacturing of heat transfer salts.
Standard Packaging	500gm. & 50Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to slightly yellow crystal.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5% soln. at 25 ⁰ C)	7 – 10
Chloride (Cl)	NMT – 0.005%
Sulphate (SO ₄)	NMT – 0.005%
Heavy metal (Pb)	NMT – 0.0005%
Calcium (Ca)	NMT – 0.003%
Iron (Fe)	NMT – 0.0005%
Sodium (Na)	NMT – 0.25%
Assay	NLT – 98.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

