

PRODUCT IDENTITY

PRODUCT NAME	Sodium nitrite	PRODUCT NUMBER	S433707
Grades & Purity	PharmPure™, USP, Ph.Eur., Ultra pure	VERSION	3
CAS NUMBER	7632-00-0	FORMULA	NaNO ₂
FORMULA WEIGHT	69.00g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(S433707)	Colourless to white to off-white to light yellow powder or crystals
Assay(on the dried substance)	98.5-100.5 (%)
Identify(Sodium)	Pass
Identify(Nitrite)	Pass
Aluminum(Al)	0-2 (ppm)
Iron(Fe)	0-10 (ppm)
Selenium(Se)	0-30 (ppm)
Calcium(Ca)	0-100 (ppm)
Potassium(K)	0-50 (ppm)
carbonate(CO ₃)	≤0.02 (%)

PARAMETER	SPECIFICATION / LIMIT
Sulfate(SO ₄ ²⁻)	0-0.01 (%)
PH(10% in water 25°C)	7-9
Loss on drying	0-0.25 (%)
Heavy metals	0-0.002 (%)
Chloride(Cl)	0-50 (ppm)
Acidity and alkalinity test	pass
X-Ray Diffraction	Conforms to Structure