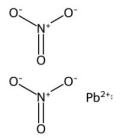
Scapex Exports Pvt. Ltd.
830, 8th Floor, Sun Gravitas, Times of India Road,
Shyamal, Ahmedabad 380015, Gujarat, India
+91 9925522674 · info@scapexexports.com
CIN U46909GJ2025PTC164345

CERTIFICATE OF ANALYSIS — Standard product specification

Lead(Ii) Nitrate, 99.99+% Metals Basis

CAS 10099-74-8 · N2O6Pb · ≥99% Technical



STRUCTURAL FORMULA

1. PRODUCT IDENTITY

Product name	Lead(Ii) Nitrate, 99.99+% Metals Basis
C.A.S. number	10099-74-8
Molecular formula	N2O6Pb
Molecular weight	331.21 g/mol
Grade / standard	≥99% Technical
Description	White crystalline powder
Product group	Lead Compounds
Category	Inorganic Salts & Compounds
Country of origin	India
Packing	Bags, drums, carboys, IBC or ISO tank as applicable — customer-specified packing available
Storage	Cool, dry, well-ventilated place in tightly closed original packing

2. ANALYTICAL SPECIFICATION

S. NO.	TEST PARAMETER	SPECIFICATION	TYPICAL RESULT	METHOD
1	Description	White crystalline powder	Complies	Visual
2	Identification	Conforms to the structure of the substance	Complies	FTIR / Chemical test
3	Solubility	As per specification	Complies	Visual / Monograph
4	Assay	Not less than 99.0 % w/w	99.31	Titrimetry / Instrumental
5	Matter Insoluble in Water	Not more than 0.05 % w/w	0.006	Gravimetry

6	pH (5 % w/v aqueous solution)	As per specification	5.3	Potentiometry
7	Chloride (as Cl)	Not more than 0.01 % w/w	0.0019	Turbidimetry / IC
8	Sulphate (as SO4)	Not more than 0.02 % w/w	0.0011	Turbidimetry / IC
9	Iron (as Fe)	Not more than 20 ppm	1.7 ppm	ICP-OES / AAS
10	Heavy Metals (as Pb)	Not more than 10 ppm	Less than 5 ppm	ICP-OES
11	Moisture	Not more than 1.0 % w/w	0.47	Karl Fischer / Gravimetry

3. DECLARATION

This document sets out the standard specification for Lead(Ii) Nitrate, 99.99+% Metals Basis and applies to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd. It is not a lot-specific release document; a lot-specific certificate carrying the analysis of the material actually shipped is issued with, and travels with, each consignment. Scapex Exports supplies against customer-specified assay limits and pharmacopoeial standards — send your specification sheet and we confirm compliance in writing before the order is accepted.

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