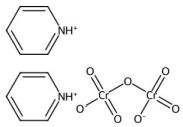
Scapex Exports Pvt. Ltd.
830, 8th Floor, Sun Gravitas, Times of India Road,
Shyamal, Ahmedabad 380015, Gujarat, India
+91 9925522674 · info@scapexexports.com
CIN U46909GJ2025PTC164345

CERTIFICATE OF ANALYSIS Standard product specification

Pyridinium Dichromate (PDC)

CAS 20039-37-6 · C10H12Cr2N2O7 · ≥98% Technical/ACS



STRUCTURAL FORMULA

1. PRODUCT IDENTITY

Product name	Pyridinium Dichromate (PDC)
C.A.S. number	20039-37-6
Molecular formula	C10H12Cr2N2O7
Molecular weight	376.21 g/mol
Grade / standard	≥98% Technical/ACS
Description	Orange crystalline solid
Product group	Oxidising Reagents
Category	Laboratory & Analytical Reagents
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	Orange crystalline solid	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 98.0 % w/w	99.00	Titrimetry / Instrumental

5	Matter Insoluble in Water	Not more than 0.01 % w/w	0.0036	Gravimetry
6	pH (5 % aqueous solution)	As per specification	8.6	Potentiometry
7	Chloride (Cl)	Not more than 0.001 %	0.00016	Turbidimetry
8	Sulphate (SO4)	Not more than 0.002 %	0.00027	Turbidimetry
9	Iron (Fe)	Not more than 5 ppm	1.44 ppm	ICP-OES
10	Heavy Metals (as Pb)	Not more than 5 ppm	Less than 2 ppm	ICP-OES
11	Moisture	Not more than 1.0 % w/w	0.41	Karl Fischer / Gravimetry

3. DECLARATION

This document sets out the standard specification for Pyridinium Dichromate (PDC) 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.

SCAPEX EXPORTS PVT. LTD.
SCAPEX
QUALITY ASSURED
AHMEDABAD · GUJARAT · INDIA

Scapex Exports Pvt. Ltd. · Ahmedabad, Gujarat, India · info@scapexexports.com · +91 9925522674 — system-generated document, valid without physical signature.