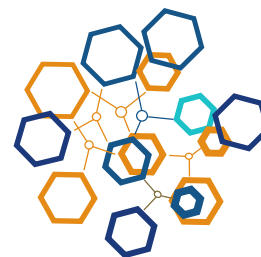


**SISCO CHEM**

Laboratory Chemicals & Reagents

CIN No: U24110MH1998PTC114594

ISO 9001::2015 Certified company

**CERTIFICATE OF ANALYSIS**

Product Name	POTASSIUM DICHROMATE	$K_2Cr_2O_7$	
Synonyms	Potassium bichromate		
Grade	LR		
CAS No	7778-50-9		
Molecular Formula	$K_2Cr_2O_7$		
Molecular weight	294.18		
Batch No.	P2509/S500	Date of Analysis	Sep 2025
Code No.	4225	Date of Retest	Aug 2030

Sr.	Test	Specifications	Results
1	Appearance	Orange crystalline powder	Orange crystalline powder
2	Assay (iodometric)	Min 99.5%	99.61%
3	Solubility in water (% weight)	6.5 % at 20 C	Complies
4	Melting point	397- 399 °C	398.4°C
5	pH value	4 - 4.5 (1 % Aq solution)	4.3
6	Chloride (Cl)	Max 0.005%	0.00098%
7	Sulphate (SO ₄)	Max 0.01%	0.0049%
8	Calcium (Ca)	Max 0.005%	0.0015%
9	Sodium (Na)	Max 0.2%	0.0041%
10	Loss on drying (at 105°C)	Max 0.5%	0.031%

The submitted sample complies with the prescribed standards of quality.

Chemist by

Q.C. Incharge