

**Chromium picolinate  
USP**

Batch	Manufactured	Expiration	Quantity
01062021	01/06/21	31/05/26	200 Kg
1. Description	A red to pink colored powder	A red to pink colored powder	
2. Solubility	Insoluble in water/alcohol	Insoluble	
3. Identification:			
A: IR spectrum	IR. Spectrum complies with standard	Positive	
B: Chemical Test	As per USP	Complies	
4. Mesh Size	NLT 90.0% passing through 60 Mesh	99.53% passing through 60 Mesh	
5. Loss on drying	4.0% max. As per USP	2.38%	
6. Bulk density	NLT 0.45 gm/ml	0.5889 gm/ml	
7. Chloride	0.06% maximum	Less than 0.06%	
8. Sulphate	0.20% maximum	Less than 0.20%	
9. Heavy metals			
- Lead	NMT 3.0 ppm	Less than 1.0 ppm	
- Arsenic	NMT 1.0 ppm	Less than 1.0 ppm	
- Cadmiun	NMT 1.0 ppm	Less than 0.1 ppm	
- Mercury	NMT 0.1 ppm	Less than 0.05 ppm	
10. Chromium Content	12.18 ~ 12.68%	12.33%	
11. Assay (As Chromium Picolinate)	98 to 102% on dried basis	99.19%	
12. Microbiological Test			
-Total Plate Count	NMT 1000 cfu/gm	Less Than 100 cfu/gm	
-Yeast & Mould	NMT 100 cfu/gm	Less Than 10 cfu/gm	
- E.Coli & Salmonella	Absent/gm	Absent/gm	

Remark : The product complies as per USP Specifications.