

Certificate of Analysis

Product: Sodium Tripolyphosphate-Slow-Hydrating

No.	Index Items	Standard Value	Test Results	Analitical Method
1	Color & Appearance	Free lowing, non-lumpy, fine smooth white powder, free from visible impurites	Free flowing, non-lumpy, fine smooth white powder, free from visible impurites & grits	
2	P205 content	56,0 minimum - 57,0 maximum	56.2	ISO 3357
3	Residue on a 500 micron sieve, %	0.3 maximum	0.3	
4	Residue on a 150 micron sieve, %	15 maximum	15	
5	Residue on a 75 micron sieve. %	50 maximum	50	
6	Bulk Density, kgim3	700 minimum - 1100 maximum	1100	
7	Whiteness (Reflectance R460) %	80 minimum	84	
8	Sodium Tripolyphosphate (Na ₅ P ₃ O ₁₀) content. dexpressed as a % of total phosphate content) %	90 minimum	93	ISO 3000
9	Phase (Form) 1	16 minimum - 28 maximum	24	UMA 5681
10	Cobalt content, as Co, mg/kg	5 makimum	5	
11	Chromium content, as Cr. mg/kg	5 makimum	5	
12	Nickel content, as Ni,mg/kg	5 maximum	5	
13	Iron content as Fe. mg/kg	260 maximum	250	
14	PH (1.0% in distilled water @ 25°C) %	9,4 minimum – 10,2 maximum	9,8	
15	Water Insoluble	0,10 maximum	0.10	

