

Quality Control Laboratories

Certificate of Analysis			
Name of Product: Nicotinic Acid B.P. Granular		Date Of Mfg : July 2011	
Batch No. : 11-1560		Date Of Exp : June 2016	
Batch Size : 1000 kg		Date Of Sampling : 03.07.2011	
Qty. Dispatched : 1000 kg		Date Of Analysis : 05.07.2011	
A . R . No. : LF-1583-11		Qty. Sampled : 150 g	
CAS No. : 59-67-6		Mfg. Lic. No. : 823	
Sr.No.	Tests	Specifications	Observation
1.	Description	White granules.	Complies
2.	Solubility	Soluble in boiling water and in boiling alcohol, sparingly soluble in water. It dissolves in dilute solutions of alkali hydroxides and carbonates	Complies
3.	Identification	A. Melting point : 234.0°C to 240.0°C	236.0°C to 237.0°C
		B. By infrared spectrophotometry	Complies
		C. By chemical test (Golden yellow colour is produced)	Complies
4.	Related substances (By T.L.C.)	Any spot in the chromatogram obtained with the test solution, apart from the principal spot, is not more intense than the spot in the chromatogram obtained with the reference solution (NMT 0.5%)	Complies
5.	Chlorides	NMT 200 ppm	Less than 200 ppm
6.	Heavy metals	NMT 20 ppm	Less than 20 ppm
7.	Loss on drying	NMT 1.0%	0.33%
8.	Sulphated ash	NMT 0.10%	0.044%
9.	Assay by titration	NLT 99.5% and NMT 100.5% (on dried substance)	99.67%
10.	Particle size	Minimum 98% passes through 20 mesh Maximum 10% passes through 100 mesh	Complies Complies
<b>OPINION:</b> The sample Complies as per the tests mentioned in BP and additional tests.			
Analyzed by Poojam Nalawade 05/07/2011		Checked by Jitendra Bhardwaj 05/07/2011	Approved by Dipali Thakur 05/07/2011