

Quality control Laboratories

Certificate of Analysis

Name Of Product : Nicotinic Acid IP		Date of Mfg: May 2011	
Batch No. : 11-1193		Date of Exp: April 2016	
Batch Size : 500 kg		Date of Sampling: 23.05.2011	
Qty. Dispatched : 500 kg		Date of Analysis: 24.05.2011	
A . R . No. : LF-1171-11		Qty. Sampled: 150 g	
CAS No. : 59-67-6		Mfg. Lic. No. : 823	
Sr.No.	Tests	Specifications	Observation
1.	Description	White or creamy white powder	Complies
2.	Solubility	Soluble in boiling water and in boiling ethanol (95%); sparingly soluble in water; very slightly soluble in chloroform; practically insoluble in ether. It dissolves in dilute solutions of alkali hydroxides and carbonates	Complies
3.	Identification	B. By chemical test(Pyridine evolved) C. By Chemical test (Blue precipitation) D. By chemical test (Golden yellow colour is produced)	Complies Complies Complies
4.	Related substances (By T.L.C.)	Any secondary spot in the chromatogram obtained with the test solution is not more intense than the spot in the chromatogram obtained with the reference solution (NMT 0.01%)	Complies
5.	Heavy metals	NMT 20 ppm	Less than 20 ppm
6.	Chlorides	NMT 250 ppm	Less than 250 ppm
7.	Sulphated ash	NMT 0.10%	0.050%
8.	Loss on drying	NMT 1.0%	0.36%
9.	Assay by titration	NLT 99.5% and NMT 100.5% of C ₆ H ₅ NO ₂ (on dried basis)	99.61%
OPINION: The sample complies with the tests mentioned in IP 2007			
Analyzed by <i>(Signature)</i> 24-05-2011		Checked by <i>(Signature)</i> 24-05-2011	Approved by <i>(Signature)</i> 24-05-2011

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