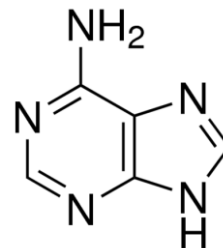


SPECIFICATION : ADENINE AR

Issue date	15/05/2018	Review date	14/05/2023	Location	All Units
Version No.:	00	Supersedes	--	Page No	1 of 1

PRODUCT DETAILS

1	Molecular Formula	C ₅ H ₅ N ₅
2	Product code	A030
3	Molecular weight	135.13
4	CAS No	73-24-5
5	Risk Statement No	22
6	Safety Statement No	26-36
7	UN No.	UN2811



PACKING DETAILS

	Product code	Pack size
1	A03003	5g
2	A03005	25g
3	A03011	1 Kg

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	White to off white powder
2	Identification	Passes test
3	Assay	Not less than 99.5%
4	Acidity	Passes test
5	Alkalinity	Passes test
6	Related substances	Passes test
7	Nitrogen content	Between 50.2% and 53.4%
8	Chloride (Cl)	Not less than 0.01%
9	Sulphate (SO ₄)	Not less than 0.03%
10	Ammonium (NH ₄)	Not less than 0.001%
11	Heavy metals (as Pb)	Not less than 0.001%
12	Loss on drying	Not less than 0.5%
13	Residue on ignition	Not less than 0.1%
14	Residual solvents	Passes test
15	Organic volatile impurities	Passes test

SAFETY SYMBOLS



Toxic