

## CERTIFICATE OF ANALYSIS

NAME: Agmatine Sulfate

Quantity: 500kg

Batch Number: C632008003

Manufacture Date: 2020-08-03

Shelflife: 2 years

STANDARD: The Enterprice in House C63-B005(00)

Item	Specification	Result	Test Method
Description	White or white crystalline powder	White powder	Organoleptic
Identification	Inaccordance with standard retention time	Conforms	HPLC
Loss on drying (%)	Not more than 0.5	0.17	ChP2015
Residue on ignition (%)	Not more than 0.5	0.10	ChP2015
Heavy Metal (ppm)	Not more than 10	less than 10	ChP2015
Lead (ppm)	Not more than 1	Not Detected	GB5009.12-2010 I
Total mercury (ppm)	Not more than 0.1	Not Detected	GB5009.17-2003 I
Cadmium (ppm)	Not more than 1	Not Detected	GB5009.15-2003 I
Impurity content(1) (%)	Unknown single impurity $\leq$ 0.5	0.1	ChP2015
Impurity content(2) (%)	Unknown total impurities $\leq$ 1.0	0.2	ChP2015
Assay (%)	Not less than 98.0	98.5	HPLC
Total plate count (cfu/g)	Not more than 1000	less than 1000	ChP2015
Yeast and Mould (cfu/g)	Not more than 100	less than 100	ChP2015
E.coli	Absence/10g	Conforms	ChP2015
Salmonella	Absence/10g	Conforms	ChP2015

Conclusion: Qualified