

<b>Product Name:</b> L-Citrulline base powder [Vegan]		
<b>Synonym:</b> (S)-2-Amino-5-ureidopentanoic acid; L-2-Amino-5-ureidovaleric acid		
<b>CAS number:</b> 372-75-8	<b>EC number:</b> 206-759-6	
<b>Molecular formula:</b> C <sub>6</sub> H <sub>13</sub> N <sub>3</sub> O <sub>3</sub>	<b>Molecular weight:</b> 175.19 g/ mol	
<b>Standard:</b> AJI92	<b>Specification ref.</b> R0_V0	
<b>Batch Number:</b> C512003038	<b>Manufacturing Date:</b> 19-03-2020	
<b>Expiry Date:</b> 18-02-2023	<b>Principle ref.:</b> BPM347	
Analysis	Specification	Result
Appearance	White crystals or crystalline powder	Conforms
Taste	Slightly sweet taste	Conforms
Identification	To meet the requirements (Chromogenic reaction as per AJI)	Conforms
Solubility	Soluble in water	Conforms
Specific Rotation	+24.5° to + 26.8°	+26.1 <sup>0</sup>
pH	5.0 to 7.0	5.97
Transmittance	NLT 98.0%	99.8%
Assay [Titration] [On anhydrous basis]	98.5 to 101.0%	99.2%
Loss on drying	NMT 0.30%	0.08%
Sulphated ash	NMT 0.10%	0.03%
Chloride (Cl)	NMT 0.020% [200 ppm]	Conforms
Sulphate	NMT 0.020% [200 ppm]	Conforms
Ammonium	NMT 0.02% [200 ppm]	Conforms
Iron (Fe)	NMT 10 ppm	Conforms
Sieve analysis	NLT 98% through 40 mesh	98.0%
Bulk density [Loose]	Between 0.40 to 0.60 g/ ml	0.51 g/ ml
Heavy metal (Pb)	NMT 10 ppm	Conforms
Lead (Pb)	NMT 1 ppm	Not detected
Arsenic (As)	NMT 1 ppm	<1 ppm
Cadmium (Cd)	NMT 1 ppm	Not detected
Mercury (Hg)	NMT 0.1 ppm	Not detected
Total plate count	NMT 1000 CFU/ g	<1000 CFU/ g
Yeast and mould	NMT 100 CFU/ g	<100 CFU/ g
E. Coli	Negative/ g	Conforms

**Product code:** RM083-A

L-Citrulline base powder [Vegan]

Salmonella	Negative/ 375 g	Conforms
Staphylococcus aureus	Negative/ 25 g	Conforms

**Conclusion:** This product conforms to the specification and standards mentioned above.

**Storage conditions:** Store at room temperature, away from heat, light and moisture.

*This is a computer generated report therefore it is valid without signatures.*

The Information provided in the document is based on our current knowledge and experience, however, without any obligation and without any assumption of liability on our part. The information may be used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. You must comply with all the applicable laws, rules and regulations and observe all third party rights.