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SPECIFICATION SHEET L (+) DMAE Bitartrate

Item Code: 126

Country of Origin: China

Updated: August 2012

Molecular formula: C₈H₁₇O₇N

TEST ITEMS

SPECIFICATIONS

TEST METHODS

Description

White crystalline powder

Visual

Water Solution

To pass test

Dissolution method

Assay

99.5% min.

Titration method

Sieve Analysis-

100% through 20 mesh

/

80% through 40 mesh

/

45% through 60 mesh

/

Dimethylaminoethanol

36.9% - 37.3%

/

Heavy Metals

≤10 ppm

Colorimetry

Lead (Pb)

≤10 ppm

Colorimetry

Cadmium (Cd)

≤5 ppm

/

Mercury (Hg)

≤5 ppm

/

Arsenic (As)

≤1 ppm

/

pH

3.2 – 3.5

/

Loss on Drying

≤0.5%

/

Specific Rotation

+ 17.4° - + 17.6°

Polarimeter

Melting Point

112°C - 114°C

Dissolution method

Microbiology:

Total aerobic plate count

≤3,000 cfu/g

/

Yeast & Mold

≤100 cfu/g

/

E. coli

Negative

/

Salmonella

Negative

/

Coliforms

Negative

/

Shelf Life:

2 years

Packing:

In drums of 25 kgs

- Kosher certified

Gayathri Vasudevan

Manager, Quality Assurance & Regulatory