



Aceto Corporation
4 Tri Harbor Court
Port Washington, NY 11050
Phone: (516) 627-6000
Fax: (516) 627-6093
Website: www.aceto.com

"Sourcing & Supplying Quality Products Worldwide"

TECHNICAL DATA SHEET

RIBOFLAVIN USP (VITAMIN B-2)

Aceto Product Code#:4612800
CAS#:83-88-5

Tests

APPEARANCE
PARTICLE SIZE
PARTICLE SIZE
BULK DENSITY
IDENTIFICATION
IDENTIFICATION 2
IDENTIFICATION 3
SPECIFIC ROTATION
SPECIFIC ROTATION
SPECIFIC ROTATION
LOSS ON DRYING
RESIDUE ON IGNITION
HEAVY METALS
LEAD
ARSENIC
CADMIUM
LIMIT OF LUMIFLAVIN
RESIDUAL SOLVENTS <467>
ASSAY (ON DRIED BASIS)
MICROBIOLOGICAL LIMITS
TOTAL PLATE COUNT
MOLD & YEAST
COLIFORMS
E. COLI (MPN/G)
SALMONELLA (/25G)
PSEUDOMONAS
S. AUREUS
TAPPED DENSITY

Specification

ORANGE YELLOW CRYSTALLINE PDR
NLT 90% THROUGH AN 100 MESH
100% THROUGH AN 80 MESH
Ca 250 - 300 G/L
PASS
PASS (JP)
PASS (JP)
-115° TO -135° (USP)
+56.5° - +59.5°(FCC)
-142° TO -128° (JP)
1.5% MAX
0.3% MAX
10 PPM MAX
0.5 PPM MAX.
1.0 PPM MAX
1.0 PPM MAX
0.025 MAX AT 440NM
METHOD IV
98.0% TO 102%

< 1000 CFU/GRAM
< 100 CFU/GRAM
< 10 CFU/GRAM
NEGATIVE
NEGATIVE
NEGATIVE
NEGATIVE
REPORT ONLY