

R10144
17203
5-30-23

Changzhou Sunlight Pharmaceutical Co., Ltd.

Jiuli Street, Benniu Town, Wujin District, Changzhou City, Jiangsu 213134, China.

Certificate of Analysis

Product	p-Aminobenzoic Acid	Ref. Standard:	USP 43
CAS # (Active) :	150-13-0	Batch / Lot #	C5012108023
Formula (Active):	C ₇ H ₇ NO ₂	MFG Date	07/29/2021
PAT Item # :	40-6111	Retest Date	07/28/2024
Country of Origin :	CHINA	Batch Size	1001KG
		Pack Size	25KG/Per Drum

Distributed by PAT Vitamins

Analysis Contents	Specification	Methods	Results
DESCRIPTION	White to off-white crystalline powder	Visual	Conform
IDENTIFICATION	Infrared Absorption, Positive	IR	Positive
	Ultraviolet Absorption, Positive	UV	Positive
PARTICLE SIZE	100% Through 40 Mesh	In-House	Conform
BULK DENSITY	0.36g/ml	In-House	Conform
TAPPED DENSITY	0.53g/ml	In-House	Conform
MELTING POINT	186°C to 189°C	USP (741)	187.0 - 187.5°C
SPECIFIC ROTATION	+16.50° ~ +18.50°	In-House	Not Tested
VOLATILE DIAZOIZABLE SUBSTANCES	≤ 0.002%	UV	Conforms
HEAVY METAL	≤ 20 PPM	USP (231)	< 20 PPM
ARSENIC	≤ 3 PPM	In-House	< 3 PPM
CADMIUM	≤ 1 PPM	In-House	< 1 PPM
LEAD	≤ 2 PPM	In-House	< 2 PPM
MERCURY	≤ 0.1 PPM	In-House	< 0.1 PPM
LOSS ON DRYING (%)	≤ 0.20%	USP (731)	0.05%
RESIDUE ON IGNITION	≤ 0.10%	USP (281)	0.03%
ASSAY (on dried basis)	98.50% ~ 101.50%	USP (451)	99.81%
ORDINARY IMPURITIES	≤ 1.00%	USP (466)	Conform
MICROBIOLOGY			
TOTAL PLATE COUNT	≤ 1,000 CFU / Gram	CP	< 1,000 CFU / Gram
YEAST & MOLD	≤ 100 CFU / Gram	CP	< 10 CFU / Gram
COLIFORMS	Negative	CP	Negative
E. COLI	Negative	CP	Negative
STAPH. AUREAUS	Negative	CP	Negative
SALMONELLA	Negative	CP	Negative
CONCLUSION	The above product conforms to listed standard(s)		

QC Department

Verified by:

K.Y.

Analyst:

L.W.

Date:

09/22/2021

Date:

9/22/2021