



Certificate of Analysis

p-Aminobenzoic Acid

Catalog Number: PA1001
Lot Number: Typical-027
CAS Number: 150-13-0
Synonym(s): PABA, Vitamin B_x, Vitamin H₁
Molecular Formula: C₇H₇NO₂
Molecular Weight: 137.14
Storage: 15°C – 30°C
Date of Manufacture: January 10, 2015
Retest Date: January 9, 2017

Test	Specification	Result
Appearance	White to off-white crystalline powder	Conforms
Assay (Anhydrous Basis)	98.5 - 101.50%	99.76%
Identification IR UV	To match standard Positive	Conforms Conforms
Melting Point	186.0°C - 189.0°C	186.5 - 187.0°C
Specific Rotation	+16.50° to +18.50°	Conforms
Moisture (LOD)	≤ 0.20%	0.12%
Residue on Ignition	≤ 0.10%	0.02%
Volatile Diazoizable Substances	≤ 0.002%	< 0.002%
Ordinary Impurities	≤ 1.00%	< 1.00%
Heavy Metals	≤ 20ppm	< 10ppm
Arsenic	≤ 3ppm	< 3ppm
Cadmium	≤ 1ppm	< 1ppm
Lead	≤ 2ppm	< 2ppm
Mercury	≤ 0.1ppm	< 0.1ppm
Total Plate Count	≤ 1,000cfu/g	< 1,000cfu/g
Yeast & Mold	≤ 100cfu/g	< 100cfu/g
Coliforms	Negative	Negative
<i>E. Coli</i>	Negative	Negative
<i>Salmonella</i>	Negative	Negative
<i>Staphylococcus aureus</i>	Negative	Negative
Mesh Size	100% thru 40mesh	Conforms
This lot meets the specifications for USP36		

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC

Date: January 25, 2016



Gojira Fine Chemicals, LLC

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