

Certificate of Analysis

Product Name: **PABA**
 Country of Origin: **China**
 Starting Material: **PARA Nitrobenzoic acid**
 Residual Solvent used: **None**
 Batch Number: **Varies**
 Manufacture Date: **Varies**
 Retest Date: **Varies**

Test Results Obtained by PureBulk

| ITEMS | SPECIFICATIONS | RESULTS |
|-----------------------------------|------------------------------------|--------------|
| P-aminobenzoic Acid (PABA) (HPLC) | 98.5-101.5% | 100.12% |
| Arsenic | Report Only | <0.0100 ppm |
| Cadmium | Report Only | <0.00500 ppm |
| Lead | Report Only | <0.00500 ppm |
| Mercury | Report Only | <0.00500 ppm |
| Aerobic Plate Count | ≤1000 fu/g | <20 cfu/g |
| Yeast & Mold | ≤100 cfu/g | <20 cfu/g |
| Coliforms | ≤100 cfu/g | <20 cfu/g |
| <i>E. Coli</i> | Negative | Absent |
| <i>Salmonella</i> | Negative | Absent |
| <i>Staph aureus</i> | Negative | Absent |
| <i>Pseudo. aeruginosa</i> | Negative | Absent |
| Conclusion (PureBulk): | This product conforms to standards | |

The following information is an indirect translation of information provided from the Manufacturer's Certificate of Analysis, and should not be used solely as an instrument for strict quality control.

| ITEMS | SPECIFICATIONS | RESULTS |
|----------------------------|--|--|
| Appearance | White or light yellow crystal or crystalline powder without smell | White crystalline powder without smell |
| Identification | IR should comply with the reference standard spectrum. Solution main peak retention time should be consistent with standard solution main peak retention time | IR should comply with the reference standard spectrum. Solution main peak retention time should be consistent with standard solution main peak retention time |
| Loss on Drying | ≤0.2% | 0.18% |
| Residue on Ignition | ≤0.1% | 0.05% |
| Related Substances (HPLC) | Nitrobenzoic Acid ≤0.2% Benzocaine ≤0.2% Any Unspecified Impurity ≤0.1% Total Impurities ≤0.5% | Not Detected Not Detected 0.01% 0.01% |
| Aniline and P-toluidine | Aniline ≤10 ppm P-toluidine ≤10 ppm | Not Detected Not Detected |
| Conclusion (Manufacturer): | This product conforms to USP 43 standards | |

Additional Information: **BSE-TSE Free || Allergen Free || Vegan**

Storage Conditions:
Keep in sealed container under 25°C.
Keep away from strong light, heat and moisture.

Purebulk.Inc verifies that the information contained herein is true and correct to the best of our knowledge.

Verified By: Candace Gibson / Nicole Rammage

(This document was produced electronically and is valid without signature.)