

NU128	Technical Datasheet
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Chemical Name	LITHIUM BENZOATE
Grade Name	NU128
CAS No.	553-54-8
HS Code	29163990
EINECS No.	209-042-6
Molecular Formula	C7H5LiO2
Synonyms	<ul style="list-style-type: none"> • BENZOIC ACID, LITHIUM SALT • LITHIUM BENZOATE ANHYDROUS • LITHIUM BENZOATE WHITE POWDER

TEST	SPECIFICATION	METHOD
Appearance	Spray dried fine white powder	Visual
Purity by elemental analysis %	Min 99	AAS
Moisture %	Max 1.5	Thermogravimetry
Acidity / Alkalinity	Max 1 gm requires 0.2 ml of 0.1 N HCl or NaOH Solution	Titration
Heavy Metal Arsenic ppm	Max 4	AAS
Heavy Metal Lead ppm	Max 20	AAS
Heavy Metal Cadmium ppm	Max 5	AAS
Heavy Metal Mercury ppm	Max 5	AAS
pH (1% Solution)	8.5-10.5	pH Meter
Particle Size D99-100 Microns	Max 100	Particle Size Analyzer (Wet Method)

Product Information:

- Lithium benzoate is used as Nucleating agent in manufacture of polymers.
- Lithium benzoate can be used as a plasticizer and antioxidant in high-temperature lubricants.
- Lithium benzoate is used to impart a red color to fireworks.
- Lithium benzoate used as raw material for pharmaceuticals.

Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

Product Registration: Lithium Benzoate is approved for use in food contact polymer as per the following chapter headings.

Title: 21-FOOD AND DRUGS
 Chapter: I-FOOD AND DRUG ADMINISTRATION DEPARTMENT OF HEALTH AND HUMAN SERVICES
 Subchapter: B - FOOD FOR HUMAN CONSUMPTION (CONTINUED)
 Part: 178-INDIRECT FOOD ADDITIVES: ADJUVANTS, PRODUCTION AIDS, AND SANITIZERS
 Subpart: C - Antioxidants and Stabilizers

Polymer Add (Thailand) Co; Ltd.



Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.