**DR. J. PHARMACHEM PVT. LTD.**

Regd. Office : 722/AB/15, "Nirmal", Laxmi Park Colony, Navi Peth, Pune - 411030, India

Telephone : +91 (20) 24530071

Email : info@jpharmachem.com, Web : www.jpharmachem.com

Factory : Plot No. - 311, Sector- 10, Bhosari, Pune, India, 411035



(an ISO 9001:2016 Certificate Company)

MUCOBROMIC ACID**Technical Datasheet**

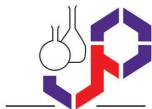
Chemical Name	MUCOBROMIC ACID	
Grade Name	MUCOBROMIC ACID	
CAS No.	488-11-9	
HS Code	2918 3000	
Einecs No	207-670-5	
Molecular Formula	C ₄ H ₂ Br ₂	
Synonyms	2,3-Dibromomalealdehydic acid Dibromomalealdehydic acid Bromomucic acid	
TEST	SPECIFICATION	METHOD
Appearance	White to beige crystalline powder	Visual
Purity	Min 99 %	Acidometry titration
Melting point	120-124 Deg C	Melting point apparatus

Product Information:

- Mucobromic acid is a polycarboxylic acid that has an anti-inflammatory effect.
- It is used to treat inflammatory diseases, such as asthma and bronchitis, as well as other disorders caused by an overproduction of mucus.
- Mucobromic acid inhibits the production of mucus by binding to beta-amino acids and neutralizing their acidic properties.
- Mucobromic acid reacts with ethylene diamine in a reaction mechanism that is similar to the reaction between histamine and its receptor.
- Mucobromic acid also has anti-inflammatory activity due to the inhibition of water vapour and hydrochloric acid production.
- This compound can be metabolized into hydrogen bond or subtilisin through oxidation, reduction, and hydrolysis reactions.

Product Handling & safety:

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



DR. J. PHARMACHEM PVT. LTD.

Regd. Office : 722/AB/15, "Nirmal", Laxmi Park Colony, Navi Peth, Pune - 411030, India

Telephone : +91 (20) 24530071

Email : info@jpharmachem.com, **Web** : www.jpharmachem.com

Factory : Plot No. - 311, Sector- 10, Bhosari, Pune, India, 411035



(an ISO 9001:2016 Certificate Company)

Product Registration: Mucobromic Acid is not recommended for food contact polymers.

Title:

Chapter:

Subchapter:

Part:

Subpart:

Section:

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 contract 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.