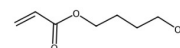


CERTIFICATE OF ANALYSIS

Standard product specification

4-Hydroxybutyl Acrylate

CAS 2478-10-6 · C₇H₁₂O₃ · 90% TECHNICAL G


STRUCTURAL FORMULA

1. PRODUCT IDENTITY

Product name	4-Hydroxybutyl Acrylate
C.A.S. number	2478-10-6
Molecular formula	C ₇ H ₁₂ O ₃
Molecular weight	144.17 g/mol
Grade / standard	90% TECHNICAL G
Description	Liquid — appearance as per specification
Product group	Monomers & Polymer Chemicals
Category	Polymers, Resins & Additives
Country of origin	India
Packing	Bags, drums, carboys, IBC or ISO tank as applicable — customer-specified packing available
Storage	Cool, dry, well-ventilated place in tightly closed original packing

2. ANALYTICAL SPECIFICATION

S. NO.	TEST PARAMETER	SPECIFICATION	TYPICAL RESULT	METHOD
1	Description	Liquid — appearance as per specification	Complies	Visual
2	Identification	Conforms to the structure of the substance	Complies	FTIR / Chemical test
3	Assay	Not less than 90.0 % w/w	91.12	Titrimetry / Instrumental

4	Non-volatile Content (Solids)	As per specification	39.8 % w/w	Gravimetry / ASTM D1644
5	Viscosity at 25 °C	As per specification	3310 cP	Brookfield viscometry
6	pH (as supplied)	As per specification	7.1	Potentiometry
7	Density at 25 °C	As per specification	1.112 g/mL	ASTM D1475
8	Heavy Metals (as Pb)	Not more than 20 ppm	Less than 10 ppm	ICP-OES

3. DECLARATION

This document sets out the standard specification for 4-Hydroxybutyl Acrylate and applies to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd. It is not a lot-specific release document; a lot-specific certificate carrying the analysis of the material actually shipped is issued with, and travels with, each consignment. Scapex Exports supplies against customer-specified assay limits and pharmacopoeial standards — send your specification sheet and we confirm compliance in writing before the order is accepted.



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