

Technical Data Sheet (TDS)

Product Name: Dipotassium Phosphate
(K₂HPO₄)

Catalogue Number: ASC-8040

CAS Number: 7758-11-4

HS Code: 2835.24.00

1. Product Description

Dipotassium Phosphate (K₂HPO₄), FCC grade, is a high-purity, water-soluble inorganic phosphate used as a buffering agent, stabilizer, and nutrient source in food, beverage, fermentation, and industrial applications.

2. Chemical & Physical Properties

Chemical Formula	K₂HPO₄
Molecular Weight	174.18 g/mol
Appearance	White crystalline powder
Solubility	Freely soluble in water
Grade	FCC (Food Chemicals Codex)
pH (1% solution, 25°C)	8.5 – 9.6

3. Typical Specifications

Assay (Purity): ≥ 98.0%

Loss on Drying: ≤ 2.0%

Heavy Metals (as Pb): ≤ 10 ppm

4. Storage Conditions

Store at 15–30°C in a cool, dry place.

Keep container tightly closed and protected from moisture.

5. Quality Assurance

Manufactured under controlled production conditions.

Batch-specific COA available upon request.

SDS available upon request.