Scapex Exports Pvt. Ltd.
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CIN U46909GJ2025PTC164345

CERTIFICATE OF ANALYSIS Standard product specification

Aspartame

CAS 22839-47-0 · ≥98% food grade

1. PRODUCT IDENTITY

Product name	Aspartame
C.A.S. number	22839-47-0
Grade / standard	≥98% food grade
Description	White crystalline powder
Product group	Sweeteners
Category	Food Ingredients & 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	White crystalline powder	Complies	Visual
2	Identification	Conforms to the structure of the substance	Complies	FTIR / Chemical test
3	Solubility	As per specification	Complies	Visual / Monograph
4	Assay	Not less than 98.0 % w/w	98.83	Titrimetry / Instrumental
5	Loss on Drying	Not more than 1.0 % w/w	0.28	Gravimetry (FCC)
6	Lead (Pb)	Not more than 2.0 ppm	Less than 0.5 ppm	ICP-MS / AOAC

7	Arsenic (As)	Not more than 1.0 ppm	Less than 0.2 ppm	ICP-MS / AOAC
8	Mercury (Hg)	Not more than 0.1 ppm	Less than 0.02 ppm	ICP-MS / AOAC
9	Cadmium (Cd)	Not more than 0.5 ppm	Less than 0.05 ppm	ICP-MS / AOAC
10	Sulphated Ash	Not more than 0.5 % w/w	0.148	Gravimetry (FCC)
11	Heavy Metals (as Pb)	Not more than 10 ppm	Less than 5 ppm	ICP-OES
12	Total Aerobic Microbial Count	Not more than 1000 cfu/g	46 cfu/g	IP / USP <61>
13	Total Yeast & Mould Count	Not more than 100 cfu/g	13 cfu/g	IP / USP <61>
14	Escherichia coli	Absent in 1 g	Absent	IP / USP <62>
15	Salmonella species	Absent in 10 g	Absent	IP / USP <62>

3. DECLARATION

This document sets out the standard specification for Aspartame 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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