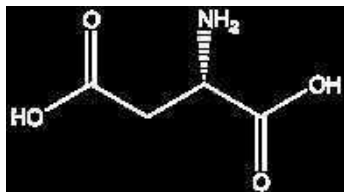


A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z

L- ASPARTIC ACID

AC0529 L-Aspartic acid, extra pure, Pharmpur®, Ph Eur, BP, USP



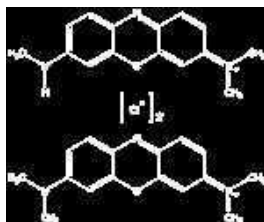
- Synonyms: L- α -Aminosuccinic acid
- $C_4H_7NO_4$
- M = 133,10 g/mol
- CAS [56-84-8]
- EINECS-No.: 200-291-6
- Solub. in water: (20 °C): 4 g/l
- Melting point: 269 - 271 °C
- LD 50 (oral, rat): > 5110 mg/kg
- Tariff number: 2922 49 95 90
- Applications: for pharmaceutical use, synthesis of organic products, in food industry, in pharma industry.

assay (acidimetric, referred to dried sample) 98,5 - 101,5 %
 identification passes test
 appearance of solution passes test
 specific rotation ($[\alpha]_{20}^{20}$, c = 8, HCl 6 mol/l, on dried sample) + 24,0 ° - + 26,0 °
 chlorides (Cl) max. 200 ppm
 sulfates (SO₄) max. 300 ppm
 ammonium (NH₄) max. 0,02 %
 iron (Fe) max. 10 ppm
 ninhydrin-positive substances passes test
 enantiomeric purity passes test
 other dicarboxylic acids passes test
 residue on ignition max. 0,1 %
 loss on drying (105°C, 3 h) max. 0,3 %
 Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.
 Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
AC05290100	100 g	☐
AC05290500	500 g	☐

AZURE II, C.I. 52010/52015

AZ0365 Azure II, C.I. 52010/52015, for microscopy



- Synonyms: Mixture of Azure B and Methylene blue in equal amounts
- CAS [37247-10-2]
- Solub. in water: (20 °C): ~ 100 g/l
- GHS-signal word: Warning
- GHS-H sentences: H302
- GHS-P sentences: P264 - P270 - P330 - P301 + P312 - P501a
- Tariff number: 3204 13 00 90
- Applications: microscopy.

Absorption maximum λ max (in methanol) 645 - 650 nm
 Absorptivity (A1%/1 cm; λ max; 0,0005 % methanol, on dried sample) 1850 - 2100
 related substances (TLC) passes test
 loss on drying (110 °C) max. 15 %
 suitability for microscopy passes test

ART. NO.	VOLUME	CONTAINER
AZ03650010	10 g	☐

AZUR EOSIN METHYLENE BLUE DYE, ACCORDING TO GIEMSA

AZ0390 Azur eosin methylene blue dye, according to Giemsa

- CAS [51811-82-6]
- EINECS-No.: 257-438-2
- Solub. in water: (20 °C): slightly soluble
- Tariff number: 3204 19 00 90
- Applications: microscopy.

Absorption maximum λ_1 (in methanol) 640 - 650 nm
 Absorption maximum λ_2 (in methanol) 520 - 525 nm
 Absorptivity (A1%/1 cm; λ_1 , methanol, referred to dried sample) min. 950
 Absorptivity (A1%/1 cm; λ_2 ; methanol, referred to dried sample) min 600
 loss on drying (110 °C) max. 10 %
 TLC test passes test

suitability for microscopy passes test

ART. NO.	VOLUME	CONTAINER
AZ03900100	100 g	☐
AZ03901000	1 kg	☐
AZ0390005P	5 kg	☐

AZUR EOSIN METHYLENE BLUE SOLUTION (IN METHANOL), ACCORDING TO GIEMSA, MODIFIED

AZ0391 Azur eosin methylene blue solution (in methanol), according to Giemsa, modified, for microscopy

- Density: 0,99 g/cm³
- Solub. in water: (20 °C): miscible
- Boiling point: > 65 °C
- Flash pt. 18 °C
- Ignition temp.: ~ 455 °C
- LD 50 (oral, rat): 5628 mg/kg (methanol)
- ADR: 3 FT1 II UN 1992
- IMDG: 3 II UN 1992
- IATA/ICAO: 3 II UN 1992
- GHS-signal word: Danger

- GHS-H sentences: H225 - H301 - H311 - H330 - H370
- GHS-P sentences: P210 - P303 + P361 + P353 - P320 - P361 - P405 - P501a
- Tariff number: 3204 19 00 90
- Applications: microscopy.

Absorption maximum λ_1 650 - 665 nm
 Absorption maximum λ_2 520 - 525 nm
 Absorbance (0,1 % λ_1 , 1cm) 0,71 - 0,76
 Absorbance (0,1 % λ_2 , 1cm) 0,33 - 0,36
 suitability for microscopy passes test

ART. NO.	VOLUME	CONTAINER
AZ03910500	500 ml	☐
AZ03911000	1 l	☐
AZ03912500	2,5 l	☐